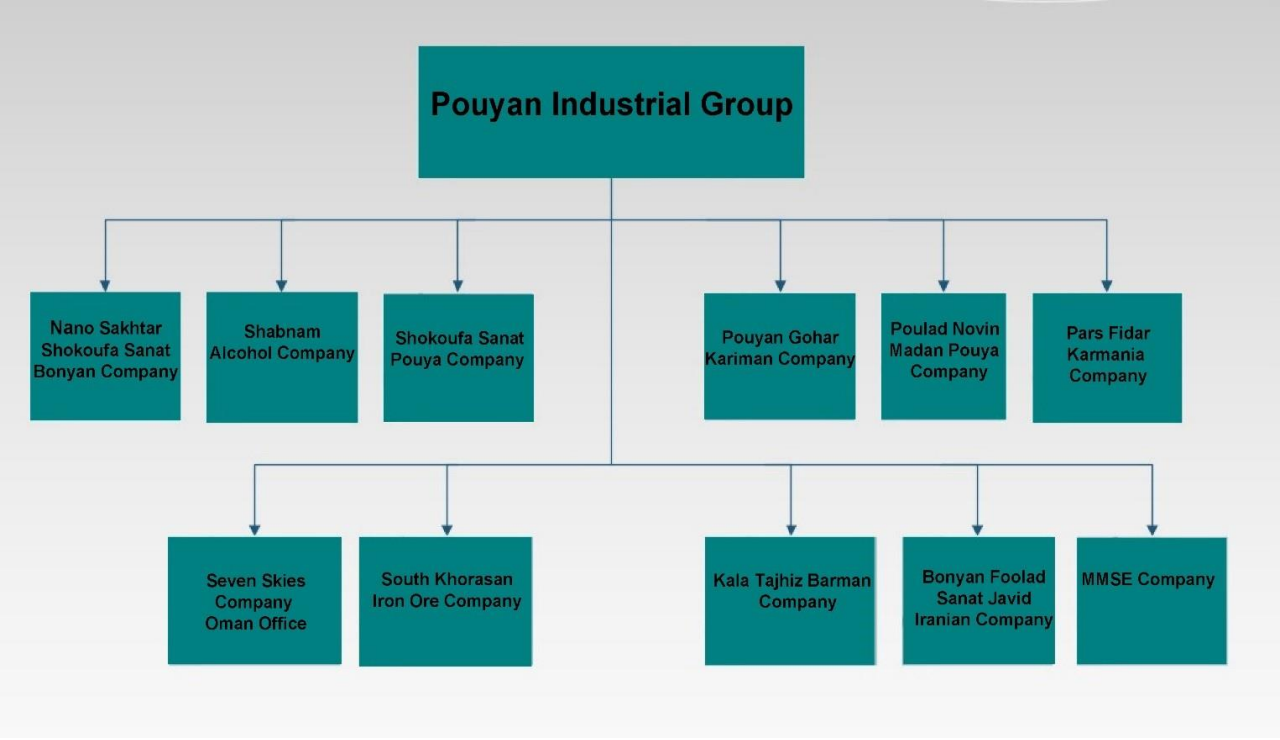
Resume and capabilities of supply, construction and execution

October 2023

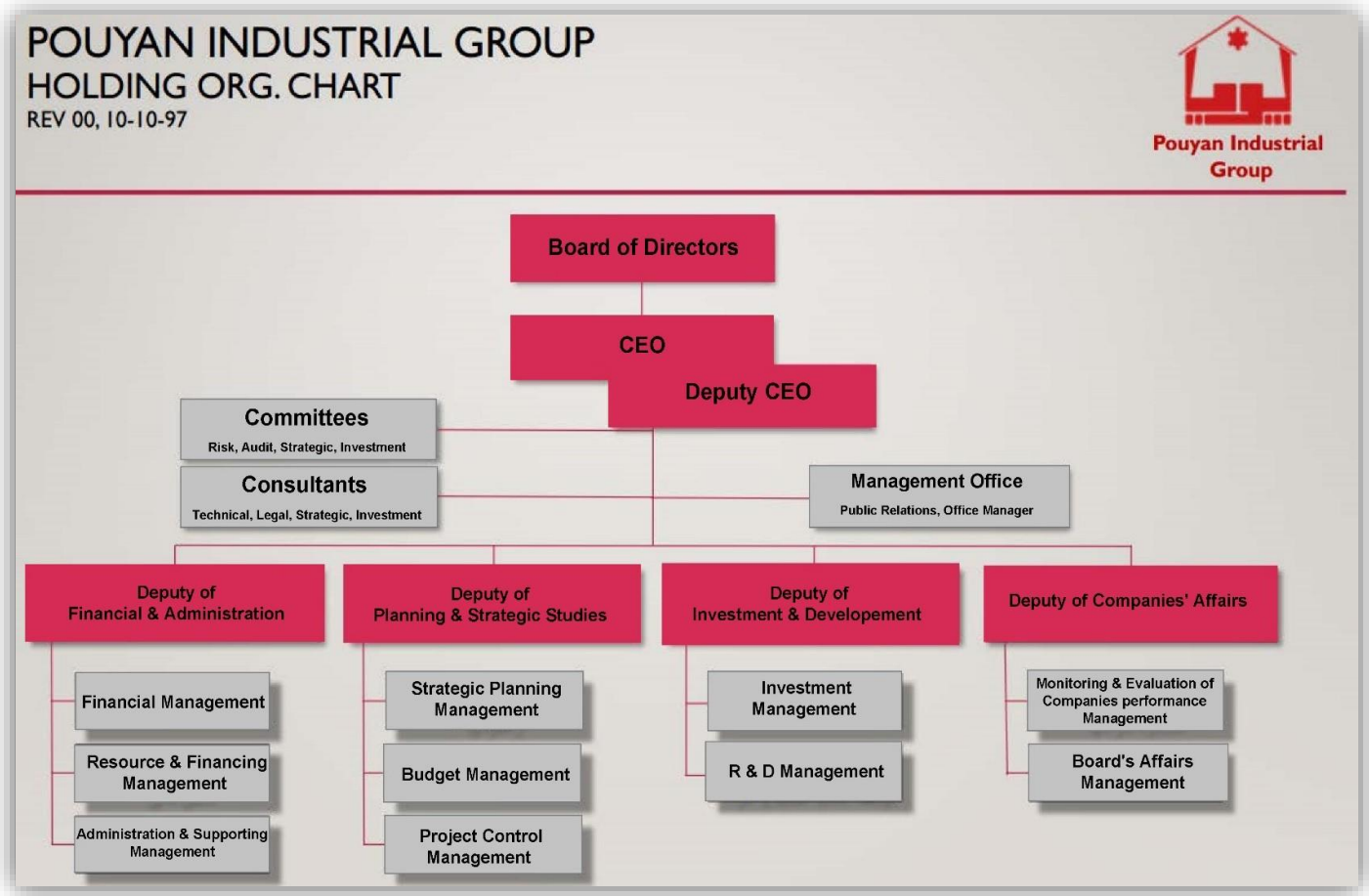
Table of Contents

Pooyan Industrial Group

Pooyan Industrial Group, relying on its technical and engineering, commercial, executive and modern machinery and equipment, in close cooperation with prominent domestic companies, has recorded huge projects in its portfolio, and by increasing its capabilities in terms of manpower and equipment , has expanded its activity in all civil fields such as the construction of metal and concrete projects, road projects and earthworks, etc. at the country level. This industrial group, having a large capital in the name of capable and intelligent human resources, has been raised as one of the most famous and proud companies in the field of construction in the country



Now, nearly 25 years have passed since the beginning of the group's activities, while updating the production line by purchasing the latest equipment and technology, along with attracting elites and local forces in the Kerman region, in the technical and engineering, commercial and implementation sectors, by entering into projects in In the field of manufacturing, supplying, installing and operating process equipment, we have found the ability to take effective steps in this field in line with the progress and development of our beloved country.



Shokofa Sanat Pooya Company

شکوفا صنعت پویا

Shokoufa Sanat Pouya

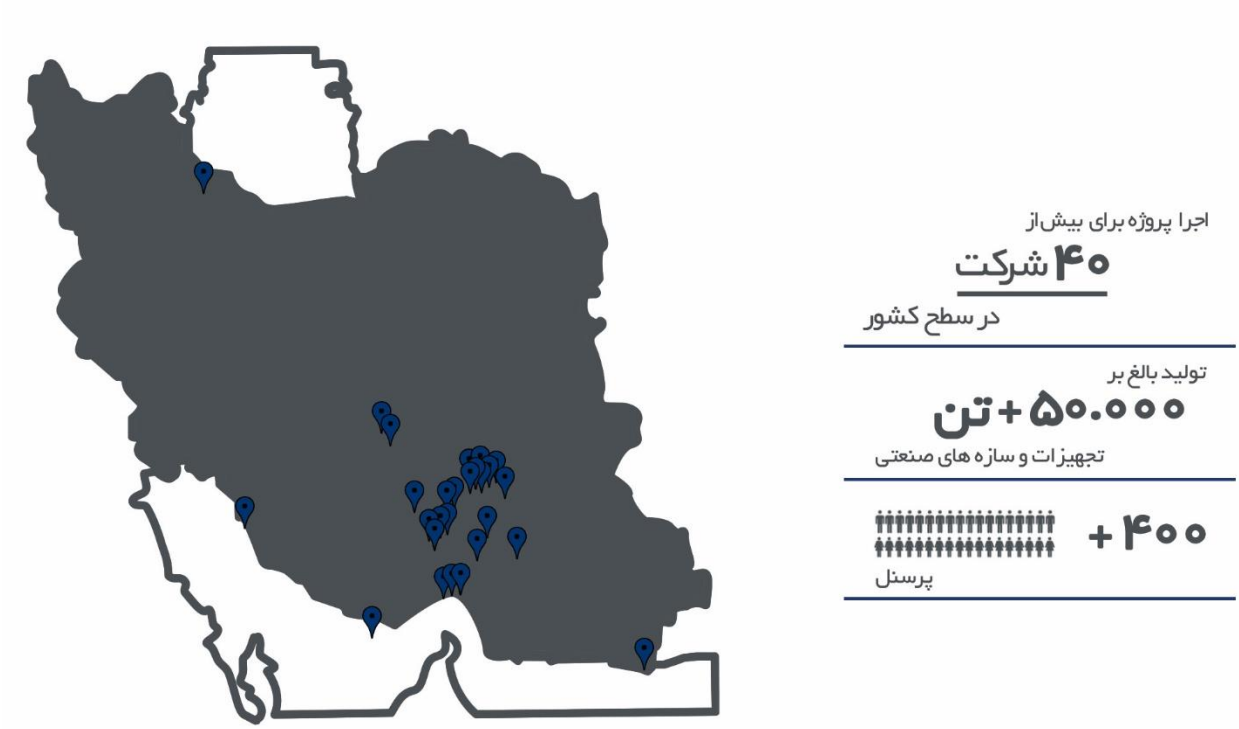
Shokofa Sanat Pooya

Shokofa Sanat Pooya Company started its activity since 1375 by producing all kinds of cold forming sheets and by building a production unit with an area of 17 hectares (including 30 thousand square meters of roof space and 40 thousand square meters of warehouse space) and 450 administrative and technical personnel. , with a capacity of 2500 tons of all kinds of metal structures and equipment, has expanded its activity as the largest production complex in the southeast of the country in this field. Relying on technical and engineering, commercial, executive and modern machinery and equipment, this company has registered huge projects in its portfolio in close cooperation with prominent domestic companies .And by increasing its capabilities in terms of manpower and equipment, it has expanded its activity in all civil fields, such as the construction of metal and concrete projects, road projects and earthworks, etc. nationwide. Having a large capital in the name of capable and intelligent human resources, this company has emerged as one of the most famous and proud companies in the field of construction in the country.

External production factory of heavy metal equipment and structures

Shokofa Sanat Poya Company with an area of 17 hectares

Now, almost 23 years have passed since the beginning of the activity of Shokofa Sanat Pooya Company, while updating the production line by purchasing world-class equipment and technology, in addition to attracting elites and local forces in the Kerman region, in the technical and engineering, commercial and implementation sectors. By entering into EPC projects in the field of construction and supply and installation and operation of process equipment, we have found the ability to take effective steps in this field in line with the progress and development of our beloved country.



Identification details of Shokofa Sanat Poya Company:

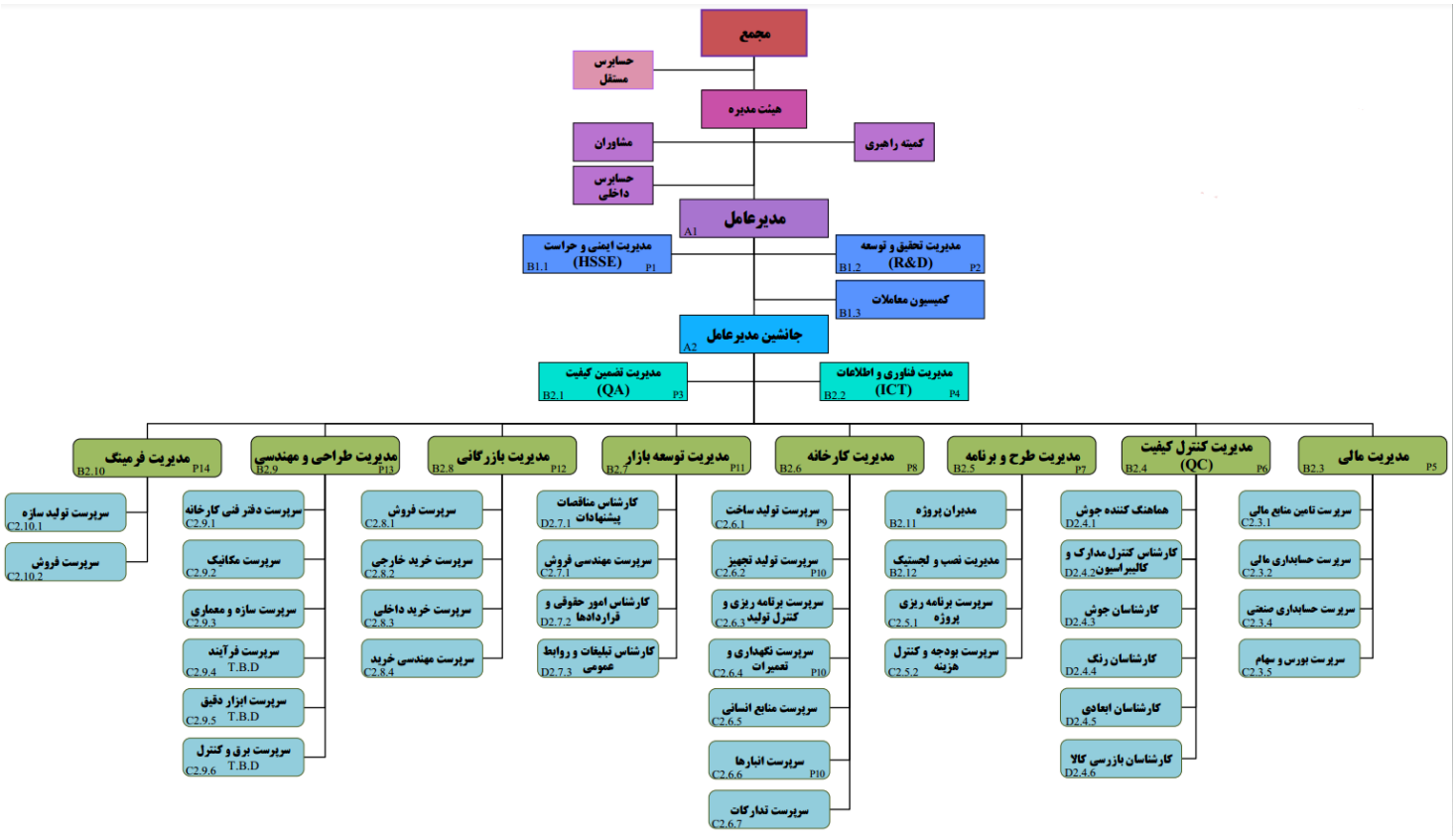
Economic code: 4111-4968-7981
National ID: 10860552547
Registration number: 3129
Registration date: 02/09/2013
Operating license number: 53549/5
Iran code: 42879

Field of activities:

1.Engineering services 2.Commercial services 3.Construction and production services
4.Implementation and installation

1.Description of activities:

- Designing and manufacturing all kinds of equipment and heavy metal structures
- Designing and manufacturing all kinds of filtration and industrial dust collectors
- Designing and building all kinds of industrial and construction structures
- Designing and manufacturing all kinds of materials transfer equipment and cranes and all kinds of tanks
- Design and construction of all types of pipe racks and towers
- Design and manufacture of industrial equipment for steel, cement and mineral industries
- Production and supply of colored and galvanized metal sheets
- Distribution of all kinds of sheets and dimensional steel sheets; All types of beams, studs, rebars, cans and profiles



Certificates

Shokofa Sanat Pooya Company, after evaluation by the country's program and budget organization, has succeeded in obtaining the 3rd grade of building and construction, the 5th grade of facilities and equipment, and the 5th grade of industry and mining.

شماره: ۲۳۲۸۱۲
تاریخ: ۱۳۹۹/۰۹/۰۵
پیوست:

ریاست جمهوری
سازمان برنامه و بودجه کشور

گواهینامه صلاحیت پیمانکاری

جناب آقای علی سنجری
مدیر عامل محترم شرکت شکوفا صنعت پویا
شماره ثبت ۳۱۲۹
شناسه ملی ۱۰۸۶۰۵۵۲۵۴۷

با استناد به مصوبه شماره ۴۸۰۱۳/ت۲۳۲۵۱هـ مورخ ۱۳۸۱/۱۲/۱۱ هیأت محترم وزیران و با توجه به احراز شرایط لازم و تأیید صلاحیت آن شرکت در سامانه جامع تشخیص صلاحیت عوامل نظام فنی اجرایی، به این وسیله صلاحیت آن شرکت برای انجام امور پیمانکاری به شرح زیر اعلام می گردد.

پایه ۳	رشته ساختمان و ابنیه	با تعداد ۳ کار مجاز
پایه ۵	رشته تاسیسات و تجهیزات	با تعداد ۳ کار مجاز
پایه ۵	رشته صنعت و معدن	با تعداد ۳ کار مجاز

رعایت قانون برگزاری مناقصات به شماره ۱۳۰۸۹۰ مورخ ۱۳۸۳/۱۱/۱۷ آیین نامه های اجرایی مربوطه و ظرفیت کاری مجاز در زمان ارجاع کار توسط آن شرکت ضروری است.

جعفر رودری
رئیس سازمان مدیریت و برنامه ریزی استان کرمان

این گواهینامه از تاریخ صدور تا پایان دوره ارزشیابی و حداکثر تا تاریخ ۱۴۰۳/۰۹/۰۵ معتبر می باشد.

- هرگونه تغییر در ارکان و سهام شرکت و اطلاعات امتیازآوران (مدیرعامل، هیأت مدیره و کارکنان امتیازآور)، باید حداکثر ظرف سه ماه در سامانه ساجات (**http://sajat.mporg.ir**) ثبت شود.
- هر قرارداد جدید حداکثر ظرف سه ماه پس از انعقاد قرارداد و صورت وضعیت های جدید پس از تأیید کارفرما باید در سامانه ساجات ثبت شود، تا امتیاز آنها هنگام تشخیص صلاحیت دوره بعد و آزادسازی ظرفیت منظور شود.

در صورت مغایرت مطالب این گواهینامه با اطلاعات موجود در پایگاه http://sajar.mporg.ir، اطلاعات پایگاه اصالت دارد.

به مندرجات پشت صفحه گواهینامه توجه فرمایید.

ریاست جمهوری
سازمان برنامه و بودجه کشور
سازمان مدیریت و برنامه ریزی استان کرمان

شماره : ۱۵٤۸۵۰
تاریخ : ۹۸/۳/۲۹

گواهینامه صلاحیت پیمانکاری

ساجات

جناب آقای علی سنجری
مدیر عامل محترم شرکت شکوفا صنعت پویا

شماره ثبت : ۳۱۲۹

با استناد به مصوبه شماره ٤۸۰۱۳/ت۲۳۲۵۱هـ مورخ ۱۳۸۱/۱۲/۱۱ هیات محترم وزیران و با توجه به احراز شرایط لازم وتایید صلاحیت آن شرکت در سامانه جامع تشخیص صلاحیت عوامل نظام فنی اجرایی، به این وسیله صلاحیت آن شرکت برای انجام امور پیمانکاری از تاریخ صدور این گواهینامه تا پایان دوره ارزشیابی به مدت چهار سال اعلام می گردد.

شناسه ملی شرکت : ۱۰۸٦۰۵۵۲۵٤۷

برای مشاهده جزئیات گواهینامه صادره به پایگاه http://sajar.mporg.ir مراجعه فرمائید.

رعایت قانون برگزاری مناقصات ، موضوع ابلاغیه شماره ۱۳۰۸۹۰ مورخ ۱۳۸۳/۱۱/۱۷ رئیس مجلس شورای اسلامی ، آیین نامه های اجرایی مربوطه و ظرفیت کاری مجاز در زمان ارجاع کار توسط آن شرکت ضروری است.

شایان ذکر است دارنده گواهینامه صلاحیت مزبور حق واگذاری امتیاز گواهینامه را به اشخاص حقیقی و حقوقی دیگر تحت هر عنوان را ندارد . لذا در صورت مشاهده ، دستگاه مناقصه گزار موظف است ضمن ابطال اسناد مناقصه مربوط به پیمانکار خاطی ، نسبت به معرفی آن به این مرجع اقدام نماید.

جعفر رودری
رئیس سازمان مدیریت و برنامه ریزی استان کرمان

- هرگونه تغییر در ارکان و سهام شرکت و اطلاعات امتیازآوران (مدیرعامل، هیات مدیره و کلانتان امتیازآور) ، باید حداکثر ظرف مدت سه ماه در سامانه ساجات (http://sajat.mporg.ir) ثبت و ارسال شود.
- هر قرارداد جدید حداکثر ظرف مدت سه ماه پس از انعقاد قرارداد و صورت وضعیت های جدید پس از تایید کارفرما باید در سامانه ساجات ثبت شود، تا امتیاز آنها جهت تشخیص صلاحیت دوره بعد و آزادسازی ظرفیت منظور شود.

در صورت مغایرت مطالب این گواهینامه با اطلاعات موجود در پایگاه http://sajar.mporg.ir اطلاعات پایگاه اصالت دارد
به مندرجات پشت صفحه گواهینامه توجه فرمائید.

After the evaluation of the National Oil Company, this company has been introduced as a first-class manufacturer and has succeeded in obtaining a first-class certificate from the EP system for the construction of metal structures and tanks.

شناسه ملی یا ایران کد: 42879
جستجو محدود شود به: ایران کد / شناسه ملی
تایید

نتیجه جستجو در وندور لیست وزارتی:

ردیف	ایران کد	شناسه ملی	عنوان شرکت	نوع فعالیت	تلفن	آدرس
۱	۴۲۸۷۹	۱۰۸۶۰۵۵۲۵۴۷	shokoufa sanat pouya gr	تامین کننده Provider/Supplier داخلی	۰۲۱۸۶۰۸۳۴۴۵- ۰۳۴۳۲۱۱۱۹۵۰	آدرس دفتر مرکزی و کارخانه شرکت: کرمان - کیلومتر ۱۴ بلوار آیت الله هاشمی رفسنجانی - ابتدای کنار گذر غربی امام رضا (ع) آدرس دفتر تهران: تهران - ولیعصر - پایین تر از توانیر - خیابان احتشام - ساختمان ناهید (پ۹) واحد ۱۰

برای کسب اطلاعات بیشتر یا تکمیل پروفایل شرکت خود، در این لیست، می‌توانید با پشتیبانی وزارت نفت یا کمیته‌های فنی بازرگانی تماس بگیرید.
شماره های تماس در صفحه نخست پورتال درج شده است.

نتیجه جستجو در لیست وندورهایی که در سامانه ثبت نام (یا خوداظهاری) نموده اند:

ردیف	ایران کد	شناسه ملی	عنوان شرکت	عنوان انگلیسی	نوع فعالیت	تلفن	آدرس
۱	۴۲۸۷۹	۱۰۸۶۰۵۵۲۵۴۷	شکوفا صنعت پویا	shokoufa sanat pouya gr	پرسشنامه اطلاعات غیرسازندگان	۰۲۱۸۶۰۸۳۴۴۵- ۰۳۴۳۲۱۱۱۹۵۰	آدرس دفتر مرکزی و کارخانه شرکت: کرمان - کیلومتر ۱۴ بلوار آیت الله هاشمی رفسنجانی - ابتدای کنار گذر غربی امام رضا (ع) آدرس دفتر تهران: تهران - ولیعصر - پایین تر از توانیر - خیابان احتشام - ساختمان ناهید (پ۹) واحد ۱۰
۲	۴۲۸۷۹	۱۰۸۶۰۵۵۲۵۴۷	شکوفا صنعت پویا	shokoufa sanat pouya gr	پرسشنامه اطلاعات سازندگان	۰۲۱۸۶۰۸۳۴۴۵- ۰۳۴۳۲۱۱۱۹۵۰	آدرس دفتر مرکزی و کارخانه شرکت: کرمان - کیلومتر ۱۴ بلوار آیت الله هاشمی رفسنجانی - ابتدای کنار گذر غربی امام رضا (ع) آدرس دفتر تهران: تهران - ولیعصر - پایین تر از توانیر - خیابان احتشام - ساختمان ناهید (پ۹) واحد ۱۰

Shokofa Sanat Pooya Company has been approved in terms of safety qualification after the investigations of the Ministry of .Cooperatives

جمهوری اسلامی ایران
وزارت تعاون ،کار و رفاه اجتماعی
اداره کل تعاون ،کار و رفاه اجتماعی استان کرمان

شماره ثبت: ۸۸۲۳
تاریخ صدور: ۱۳۹۸/۷/۱۶

گواهینامه تایید صلاحیت ایمنی

Accerditaton Certificate Safe

ویژه اشخاص حقوقی

در اجرای تبصره ماده ۲ آئین نامه ایمنی امور پیمانکاری، مصوب ۱۳۸۸/۱۲/۰۳ شورایعالی حفاظت فنی، صلاحیت ایمنی

به شرکت /موسسه/کارگاه شکوفا صنعت پویا
به مدیریت سرکار خانم /جناب اقای علی سنجری با کد ملی: ۳۰۳۰۸۳۶۷۵۴
به نشانی: کرمان،کرمان،خیابان شهید صدوقی ،کوچه -،پلاک ۰ کد پستی : ۷۶۱۸۹۴۱۷۱۲
تلفن ثابت: ۰۳۴۳۲۱۱۱۹۵۰ همراه: ۰۹۱۳۱۴۰۱۵۶۴ دورنگار: ۰۳۴۳۲۱۱۱۹۵۰ پست الکترونیکی
و با شماره: ۳۱۲۹ تاریخ ثبت: ۱۳۷۵/۰۲/۰۹ و شناسه شرکت: ۱۰۸۶۰۵۵۲۵۴۷
با موضوع فعالیت در زمینه زیر: ساختمان

در کمیته تشخیص صلاحیت ایمنی استان مورد تائید قرار گرفت.این گواهینامه با رعایت شرایط ابطال و تعلیق در آیین نامه (مفاد مندرج در ظهر گواهینامه) به مدت ۲ سال از تاریخ صدور اعتبار دارد واین گواهینامه قابل واگذاری نمی باشد.

رضا اسماعیلی
مدیر کل تعاون،کار و رفاه اجتماعی استان کرمان

Shokofa Sanat Pooya Company has been introduced to petrochemical companies with a high score as a metal structure .manufacturer after the evaluation of the National Petrochemical Company (NPC)

شماره: ۳۲/ ۷۰۴۲۲ - ۱ ص پ
تاریخ: ۱۳۹۹/۱۱/۱۹

شرکت ملی صنایع پتروشیمی

جناب آقای مهندس کاظم زاده رئیس کل محترم امور مهندسی تولید
جناب آقای مهندس ساکی نماینده محترم شرکت مدیریت توسعه صنایع پتروشیمی
جناب آقای مهندس نصیری نماینده محترم شرکت کالای پتروشیمی
سرکار خانم مهندس فراق نیا نماینده محترم شرکت اسپک

موضوع: ارزیابی شرکت شکوفا صنعت پویا

با سلام

احتراما،با عنایت به درخواست و ارسال مستندات و پیرو نامه شماره ۳۲/۶۴۹۸۵-۱ص پ به تاریخ۹۹/۹۱۰/۲۴ و متعاقب آن حضور کارشناس شرکت اسپک و نماینده شرکت ملی صنایع پتروشیمی،بازدیدی از کارخانه شرکت صدرالاشاره در تاریخ ۹۹/۱۱/۷و۶ صورت گرفت.با عنایت به جدول معیارهای ارزیابی صلاحیت و رتبه بندی سازندگان داخلی منظم به نامه ۹۸/۲۳۲۱۲۸ مورخ۹۸/۵/۲۷ معاونت محترم مهندسی،پژوهش و فناوری وزارت نفت(پیوست) شرکت شکوفا صنعت پویا برای ساخت Bridge Crane و Steel Structure حائز دریافت امتیاز ۹۱/۸۱ با نظر هیئت بازدید کننده گردید.

قبلا از حسن همکاری جنابعالی کمال تشکر را دارد.

با سپاس

رئیس کل امور پشتیبانی مهندسی طرح ها

دونوشت: جناب آقای مهندس وکیل زاده -سرپرست محترم مدیریت طرحها - جهت استحضار
مدیر عامل محترم شرکت شکوفا صنعت پویا -جهت استحضار

AVL

The list of some reputable companies and industries that Shokofa Sanat Pooya Company is in the list of their suppliers.

Cement Industries Investment and Development Company	CIDCO
Shazand Petrochemical Company	ARPC
Bushehr Petrochemical Company	BUPC
Imidro	IMIDRO
South Hormozgan Steel Company	HOSCO
Danieli company	DANIELI
Jahan Fould Sirjan Complex Company	SJSCO
Gol Gohar Investment and Development Company	GIDCO
Mines and Metals Development Investment Company	MMT
Makran Development Company	OMDC
Qeshm Oil and Energy Industries Development Company	EIED
Tom Iran Khodro Company	TAMCO
Development of mines and industries in the Middle East	MIDHCO
National Iranian Copper Industries Company	NICICO
Zob Ahan Company of Isfahan	ESCO
Pars Oil and Gas company	POGC
Oil Industries Engineering and Construction Company	OIEC
Mapna group	MAPNA
Cason Co	KEYSON
Yadavaran oil field development plan	PEDEC
Sanabad Comprehensive Development Mining Industrial Company	
Mubarake Sepahan Steel Company	

Equipment manufacturing

One of the ways to increase efficiency in mines and factories is better use of time and fast and reliable transfer of materials. Today, with the help of technology, this is done with less labor and more speed. In this regard, it is very important to use material transfer parts and equipment, including types of shots, ducts, hoppers, supports, conversions, etc. Shokofa Sanat Pooya company has high technical strength and capability in supplying parts and manufacturing material transfer equipment. Below is a view of some of these equipments during production.

Electrofilter project of Kerman Cement Company

Crane

Shokofa Sanat Pooya Company offers an expert consultation for companies that are looking for an optimal crane system for their scope and working conditions. The personal and unique demands of the employer and the buyer is the policy for our experts and technicians to offer you an impartial proposal and design a solution that is suitable for the employer's specific needs.

Economic solutions are based on detailed plans. To ensure a reliable operation in terms of material handling system and cost estimation, a project must be carefully and thoughtfully advanced. In that case, the company encourages employers to go with our experienced engineers and technicians from the start. During the design, the company's experts will be able to design an effective solution based on standard assemblies.

Construction of cranes in industries is one of the most important topics for increasing production, reducing production costs and increasing efficiency and productivity, improving and developing methods of moving and transferring materials in workshops and factories. Using a suitable crane increases productivity and saves money and can also ensure safety in the workshop. On the other hand, buying a crane whose efficiency is more than the needs of the industrial workshop will be a waste of capital. This clearly shows the importance of consultation, design, construction, installation, commissioning, service and maintenance of a crane according to the work. When designing a crane, the following points should be considered

1.The type of crane, its operation and type of operation (overhead crane, gantry crane, jib crane, special cranes, etc.)

2. The number and frequency of loading and unloading as well as crane start and stop

3.The maximum weight that can be moved within the working range of the crane

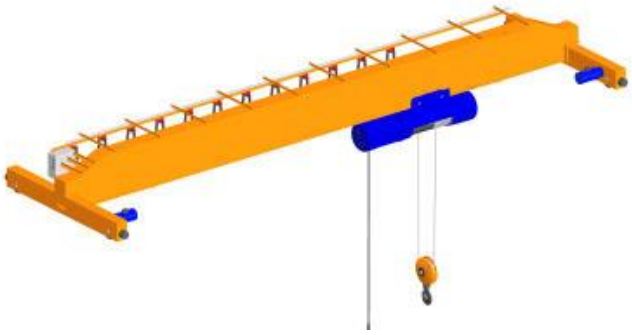
4.Working conditions and predicting the life span of the crane

5.Load application modes, removable load dimensions

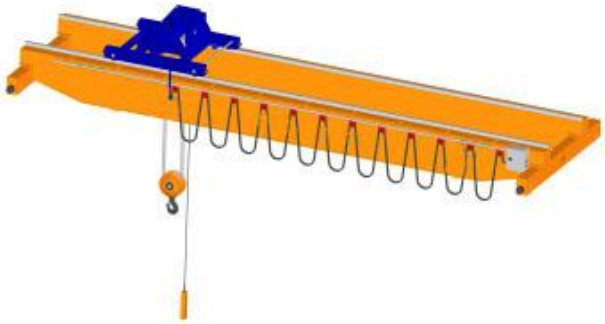
6. Environmental conditions and special conditions

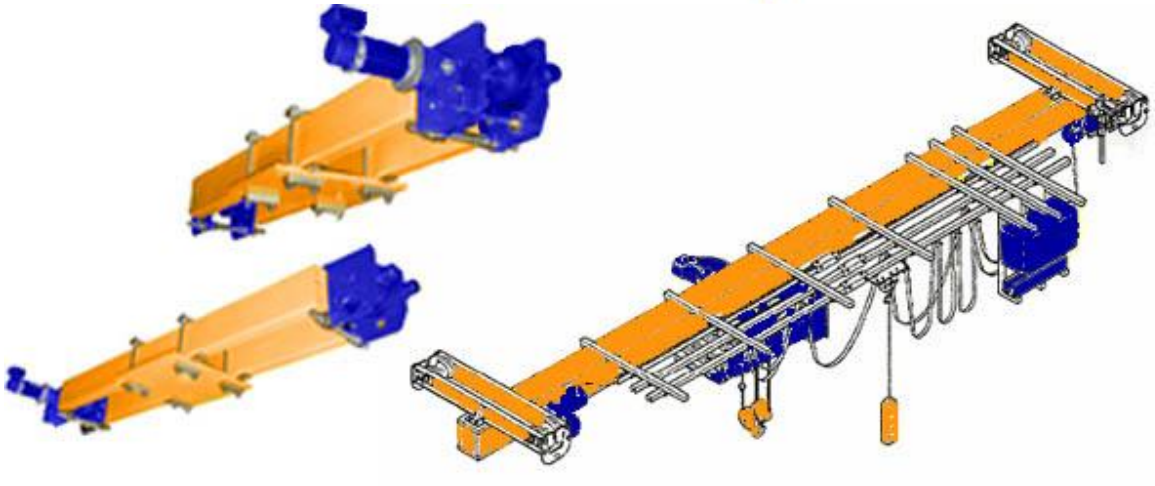
On-time delivery is part of Shokofa Sanat Poya services. This company always completes all parts on time. The company believes that any technology will be valuable only if its after sales service is good. Shokofa Sanat Pooya's crane parts and lifting tools have the most reliable and best quality and safety standards .

Single suspension overhead crane



Double overhead crane

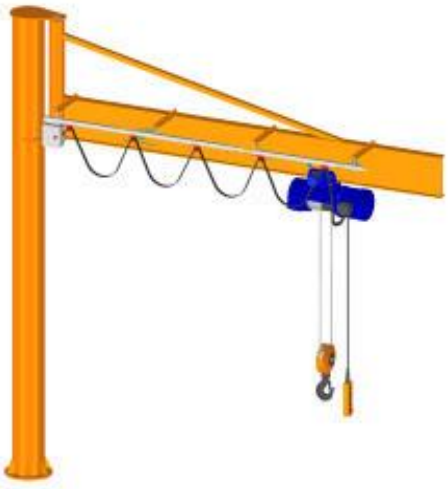




Hanging overhead crane

Gantry crane

Half gantry crane



Column crane

Arm crane

It is worth noting that this company uses German STAHL and ABM lifting motors to distinguish the quality of its products from other companies.
This company will participate in some projects by benefiting from the technical capabilities of the Turkish company Bulbul Oglu and the Iranian company Dej Sanat Parshin.

BVS® Bülbüloğlu Vinç San. ve Tic. A.Ş. cranes

Partner of Experts DSP

STAHL® Crane Systems

ABM Greiffenberger We put ideas into gear

Filtration and industrial dust collectors

With the aim of expanding its activities in the fields of environment and pollution control, Shokofa Sanat Pooya Company has been able to take effective steps in line with the progress and development of our beloved country in this field. This company, by adding some equipment and machinery for making important key parts, is ready to design, engineer, supply, install and operate these equipments based on the up-to-date knowledge of this field in the world and relying on internal capabilities along with quality. It is unique in the country and overseas regions.

In this regard, according to the vast experience of manufacturing special and special industrial parts over the past years, this company's effort is to create a distinctive difference in providing engineering services and manufacturing parts and filtration and dust removal equipment compared to the current traditional and conventional methods and to achieve For these purposes, the presence of experienced experts, internationally renowned companies and the transfer of technical knowledge are defined requirements, and the key to the distinction defined above is in the hands of "being committed to providing quality in accordance with up-to-date design documentation and not neglecting It boasts of a lower quality than it should be.

Products and services in the field of filtration and industrial dust collectors

Design and manufacture of high efficiency electrofilters (ESP) in various industries
ELECTROSTATIC PRECIPITATOR is one of the most practical and tough dust collection equipment in different industries, which can work in different conditions. This type of dust collection system is recommended in cases where the use of other systems is not economical or possible.

Advantages:

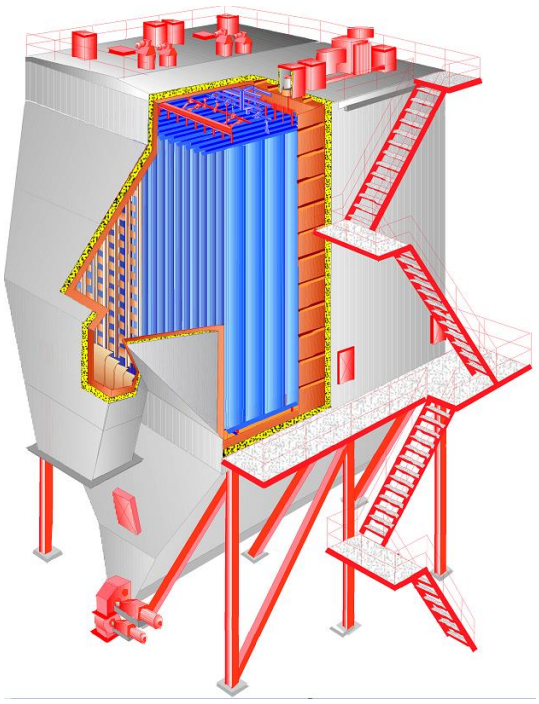
-Low costs of operation, maintenance, and - economical supply cost
-Optimum dust removal efficiency up to 20 mg/Nm3 and sometimes less
-Heavy Duty for difficult industrial applications
-Less occupied space with high absorption technology

Industries used by electrofilters:

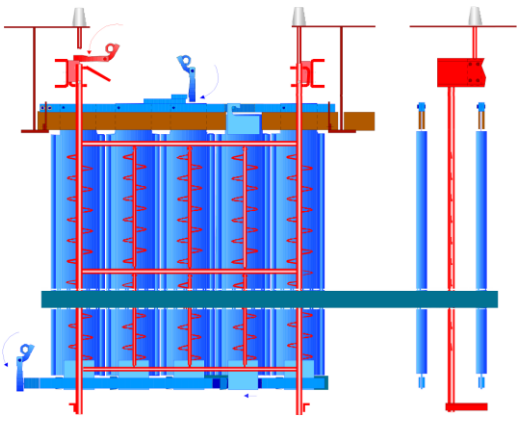
Cement, copper, alumina, steel making, pellet making, wood and paper industries, waste fuel furnaces, zinc, zinc, chrome, nickel mines, etc.

Description of electrofilters:

The creation of a strong electric field between the electrodes (negative pole) and the separator plates connected to the ground (positive pole) causes the incoming particles to be absorbed on the separator plates after being charged (during the "corona" ionization process). Then, by applying the desired mechanical force, the dust collected on the surface of the absorption plates (Dust Cake) due to the force of weight, is poured into the lower funnel (Hopper) and moved by the dust transfer systems.



Overview of the electrofilter device



Internal systems (electrodes and absorption plates)

Design and manufacture of bag filters (Bag House/Bag Filter)

Bag filters are a type of dust collection system that collects the particles in the dusty gas of various applications behind the fabric (Filter Bag). These dust collectors have bags made of fabrics with various specifications, the choice of which material is very important depending on its application. Bag filters are used for filtration and purification of all types of gases containing particles with different properties and sizes with the aim of achieving very high efficiency in cleaning, which in case of optimal design increases dust removal efficiency to a very desirable level.

Advantages:

-Less construction weight
-Occupying minimal space if long bag technology is used
-Dust output up to 5 mg/Nm3
-Higher reliability than other methods

Industries used:

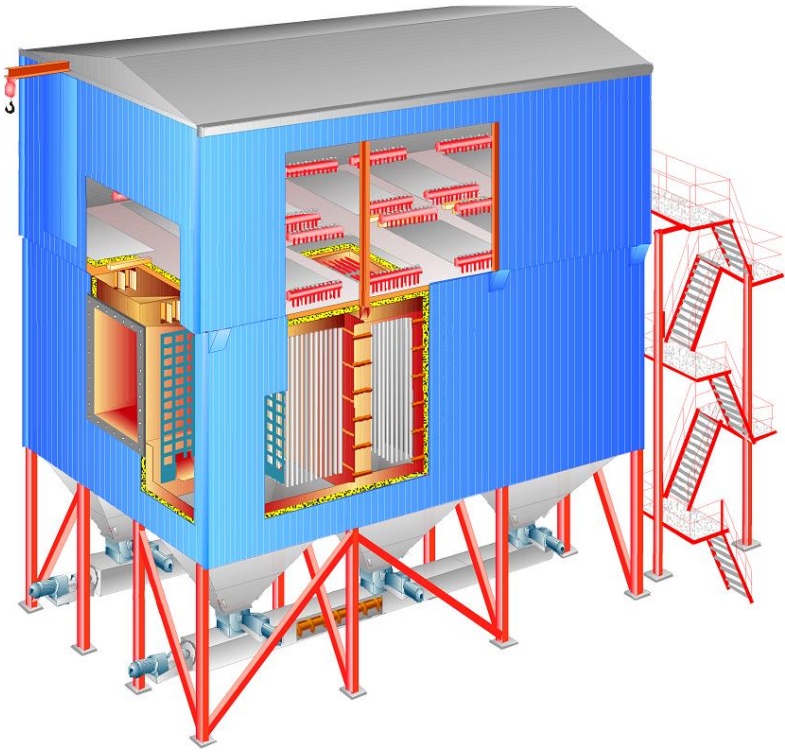
Cement, mining, steel, copper, textile, aluminum, food industries and all small and large manufacturing industries

Description of bag filters:

The general classification of this type of dust collection system is determined based on the cleaning method, which can be classified into the following three main groups:

Note: Mechanical vibratory and reverse air flow cleaning methods are less used due to the need for more fabric surface and, naturally, a lot of space compared to other methods (jet-impact), but of course they still have their own uses. .

Overview of the bag filter device



PULSE JET:

Cleaning by pulses of compressed air from inside the bag, which is to apply the pulses from top to bottom and in line with the bag.

MECHANICAL SHAKING:

Connecting one side of the bag filter to a moving plate that, by applying mechanical force and shaking the bags, dust falls from the surface of the fabrics.

REVERSE AIR:

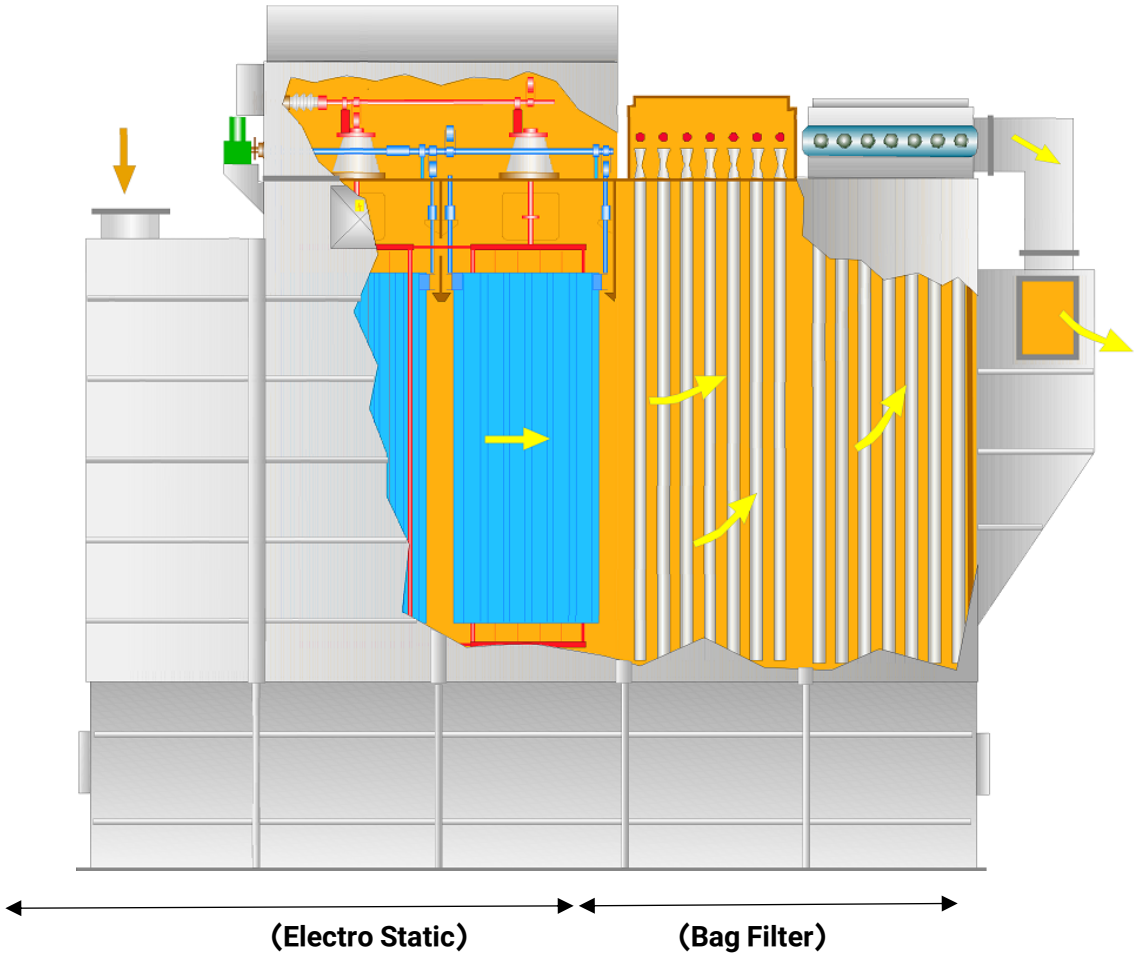
In this method, the clean part of the bag is outside and gas containing dust is blown into the bag, and after the time of dust cake formation has passed, it is cleaned by suction and dust falling from the surface of the bags.

Design and manufacture of hybrid filters (Hybrid Filter) in different industries

This equipment, which is a combination of electrofilter and bag filters, is recommended for industries that require a very high level of efficiency or that need to optimize the current dust collector system without changing their Foot Print due to environmental regulations.

In this equipment, two dusting methods are used to absorb particles. Larger particles are absorbed by the electrofilter and smaller particles are also absorbed by the bag filter, which increases the relative efficiency of dust removal systems compared to the cost of implementation.

The use of hybrid filters will also increase the life of bag filter equipment (bags and baskets).



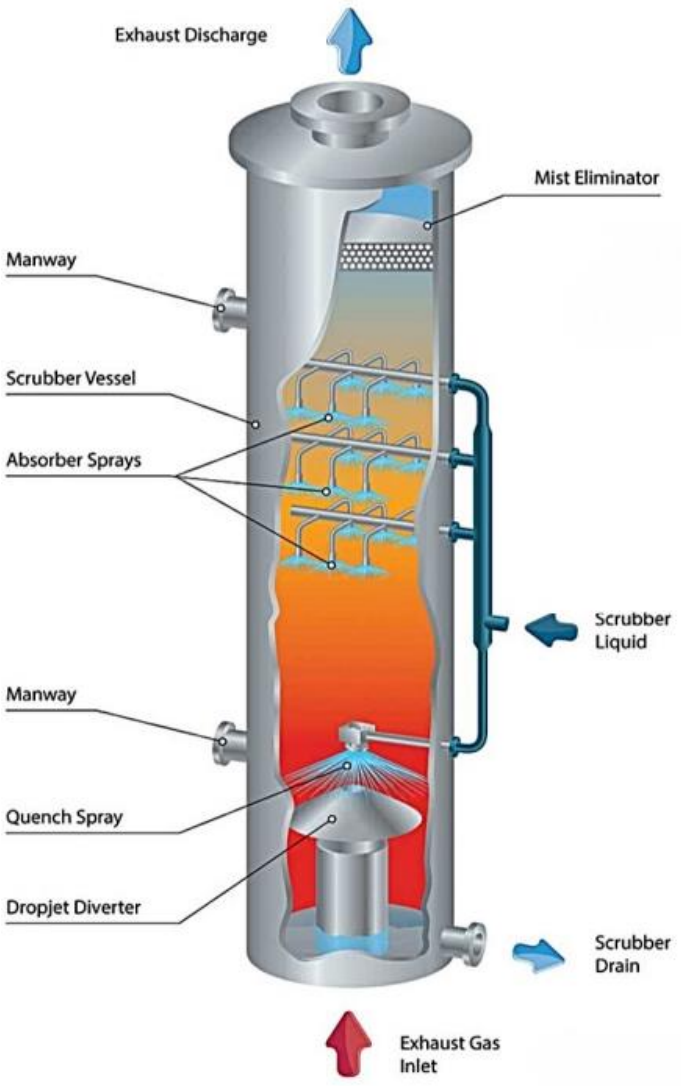
Design and construction of cooling towers (GCT) in the cement industry

As mentioned, the temperature and humidity of the dusty gas entering the downstream electrofilters and bag filters have a significant effect on the performance of the dust removal equipment. Cooling towers reduce temperature and increase humidity by creating special conditions and spraying water. This system can reduce the temperature of the gas entering the filters (up to 150 degrees Celsius in electrofilters and up to the optimal design temperature in bag filters). The use of water spraying systems with high pressure nozzles causes the level of filtration to be significantly reduced.

Equipment production hall - Shokofa Sanat Poya Company

Designing and manufacturing wet dust collectors, including scrubbers, etc., in various industries

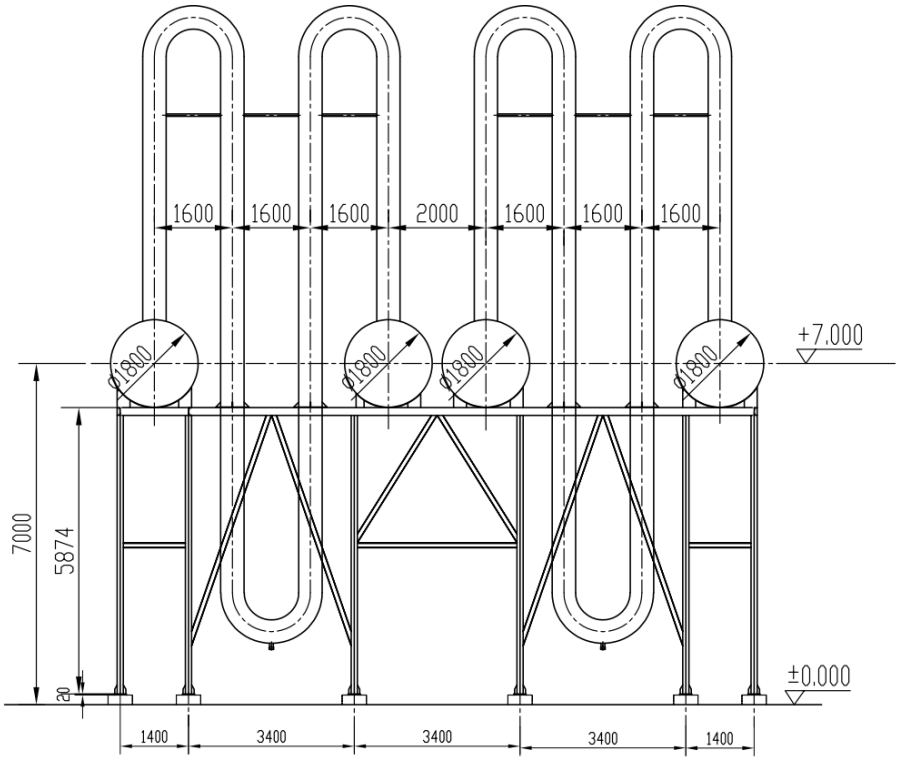
These dust collectors use liquid spraying for dust removal. In these systems, the particles in the gas entering the scrubber are separated by the cleaning liquid, which is usually water.

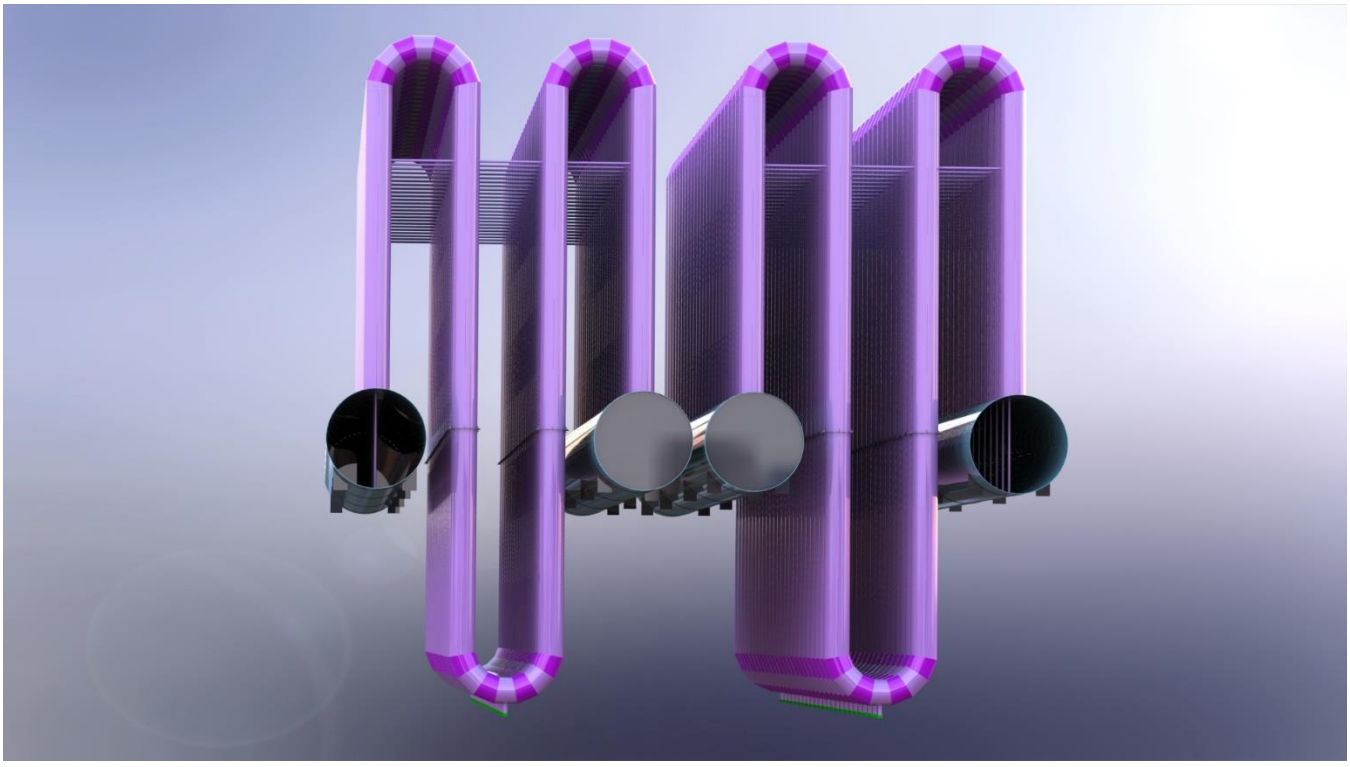


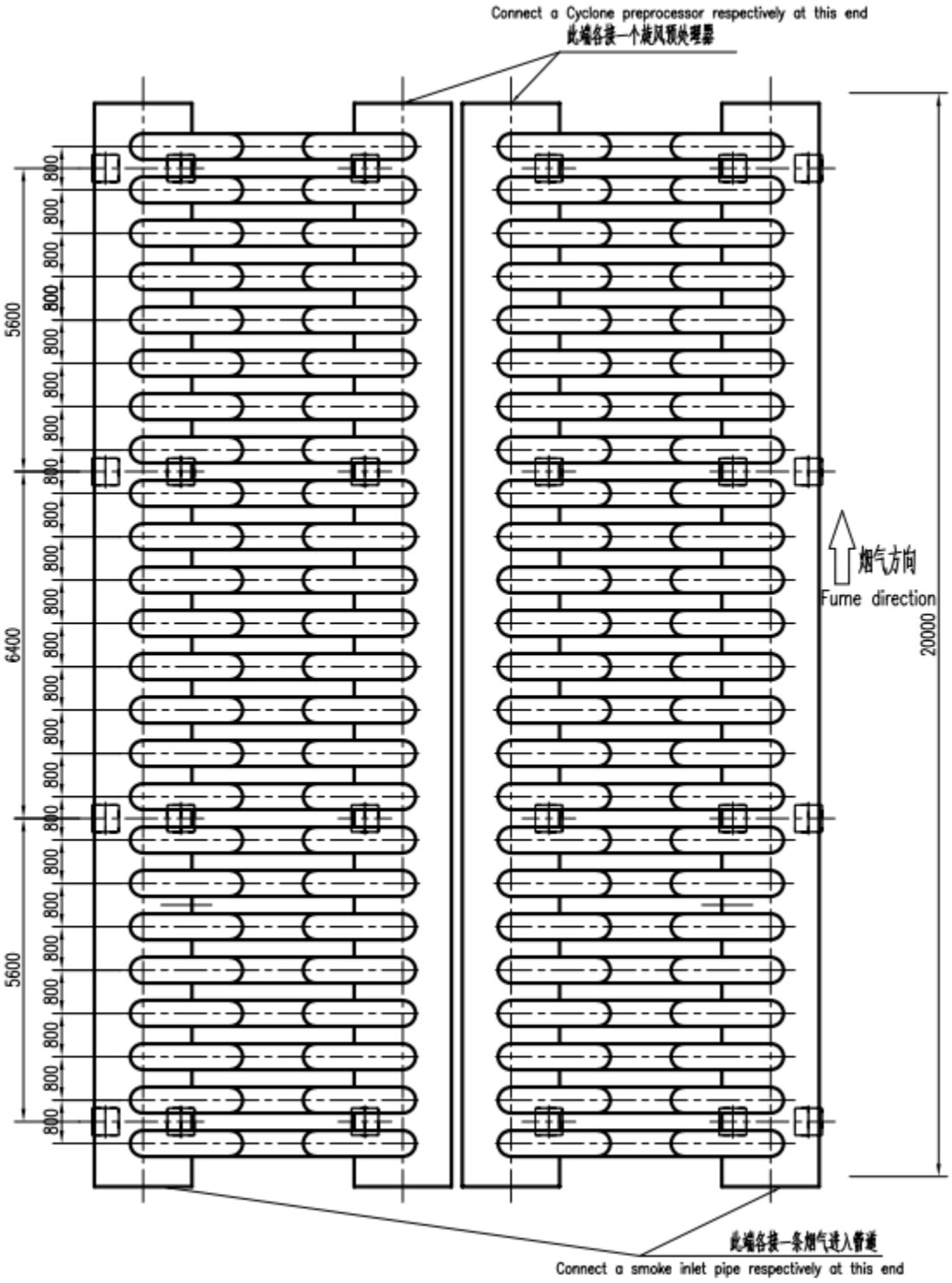
These systems consist of three parts: moisture distribution, liquid-gas contact, and liquid-gas separation. The greater the contact surface of the particles with the cleaning liquid, the more efficient the system is.

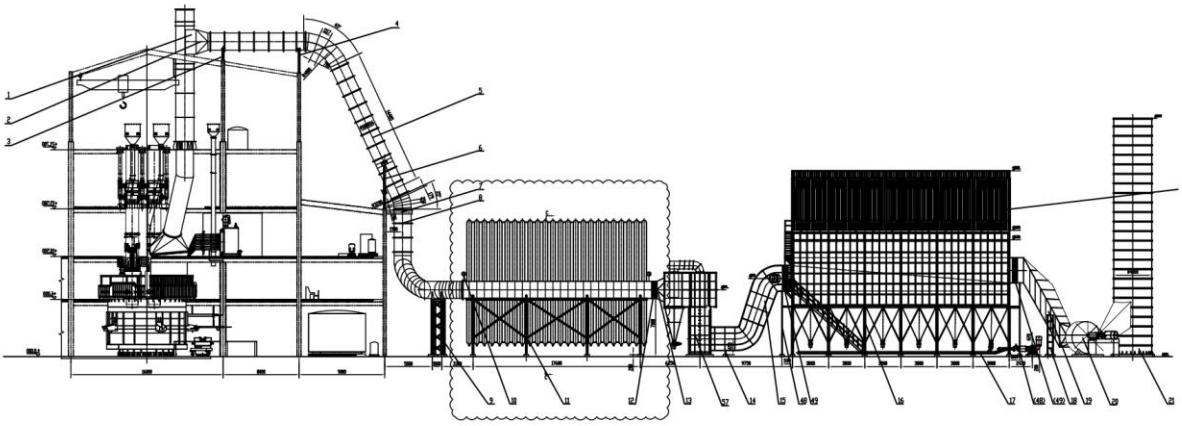
Construction of heat exchangers

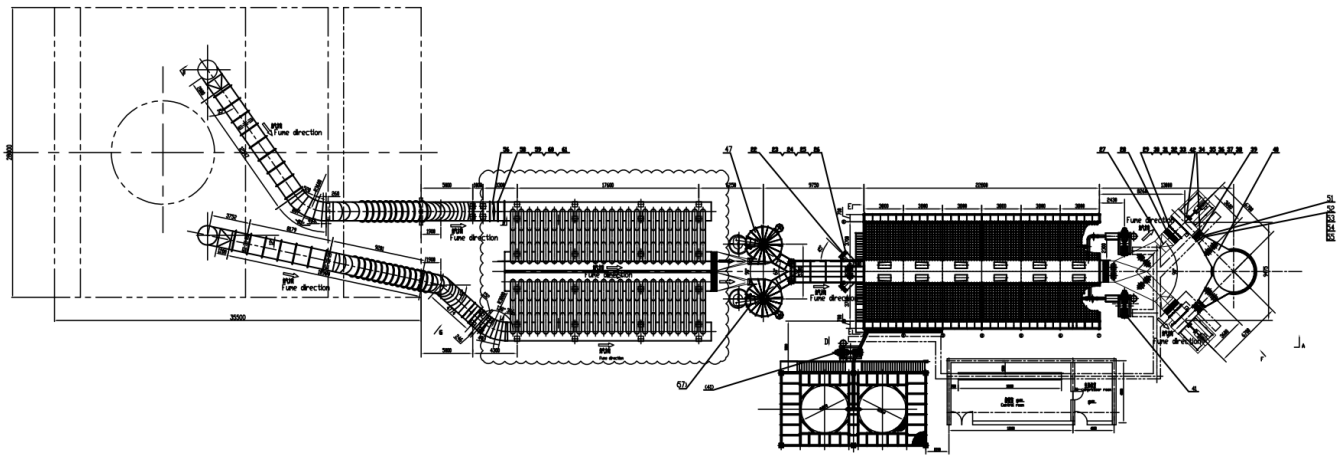
Another ability of Shokofa Sanat Poya Company is the production of heat exchangers. The maps and information placed in this section are related to the heat exchanger of the ferrosilicon factory, which is one of the other successful experiences of this company. This heat exchanger is made after the interactions inside the Furnace area by water-flowing electrodes and with 60KA (ampere) input power from each electrode and creating a temperature of 1500 degrees Celsius in the system, during the recovery of iron and silica composition and the exit of melting towards the ladles, favorable gases Together with micronized ferrosilica, they leave the chimney and are removed from the system with suction fans at the end of the dust extraction system .In the meantime, since the sensitivity of dust bags is up to 200 degrees Celsius; A cooling system with U-shaped tubes and a large number is placed on the track so that the temperature reaches below 200 degrees Celsius like an air-cooled radiator by passing dust and smoke through this U-Tube system. The U-Tube Air Cooler equipment made of tubes with a thickness of Tube = 2.5mm & Headers = 6mm is able to quickly exchange the temperature with the surrounding air.





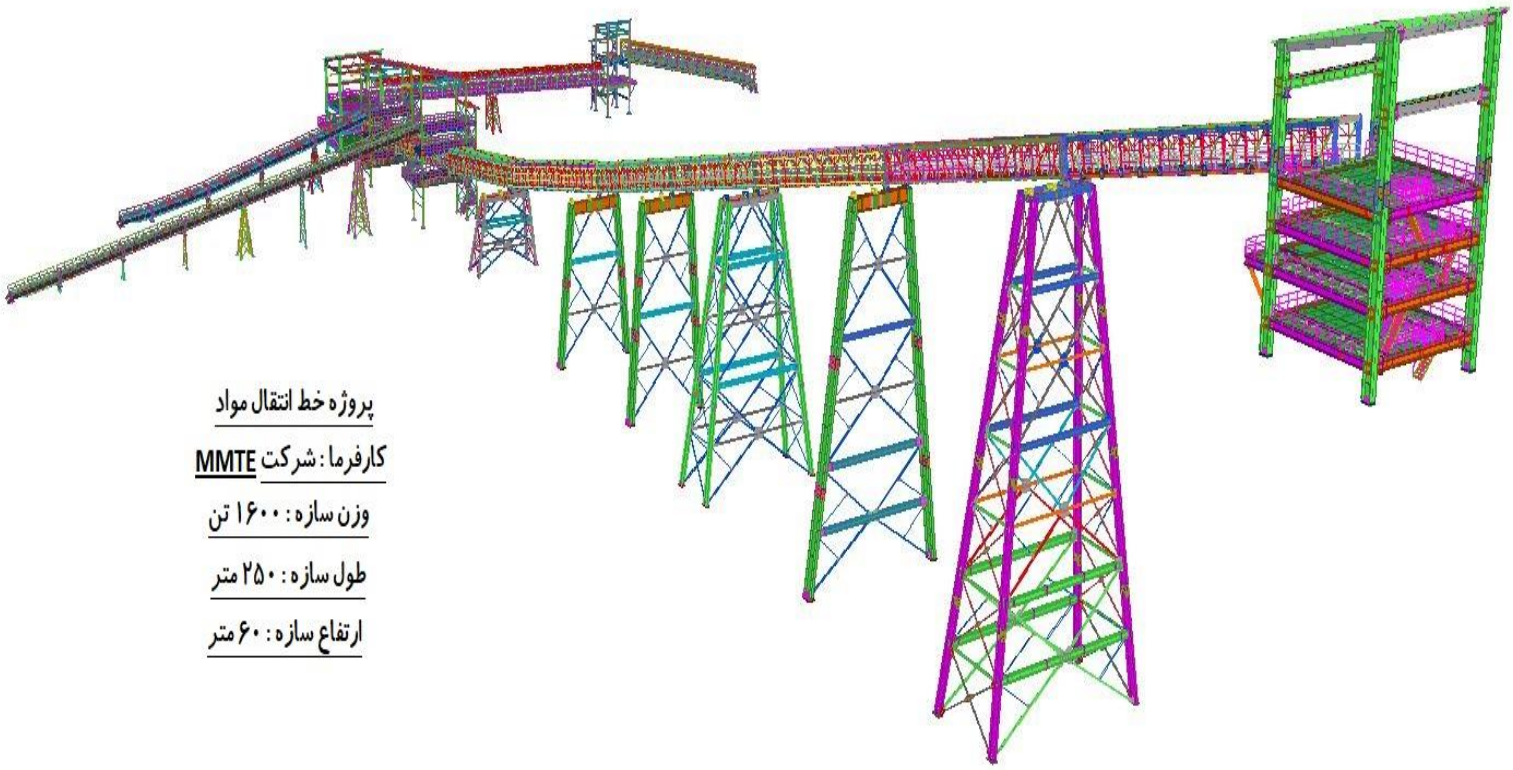

Connect a Cyclone preprocessor respectively at this end
此端各接一个旋风预处理器
5600
6400
5600
800
烟气方向
Fume direction
20000
此端各接一条烟气进入管道
Connect a smoke inlet pipe respectively at this end





Engineering design and construction of conveyors and equipment for accumulation and harvesting

- The basic design of the conveyors is based on the relevant standards, some of which are as follows.
- DIN
- CEMA
- ISO
- • Handbooks
- • Maintenance and calculations of Steel KOBE company regarding conveyors
- • BRIDGESTONE company design book (tension and tension weight)
- • Operation
- • DUNLOP design book
- • PHOENIX company's design book and the use of product tables
- • RULMECA design book and use of product tables
- •Other tables of products related to SIG and SEM companies

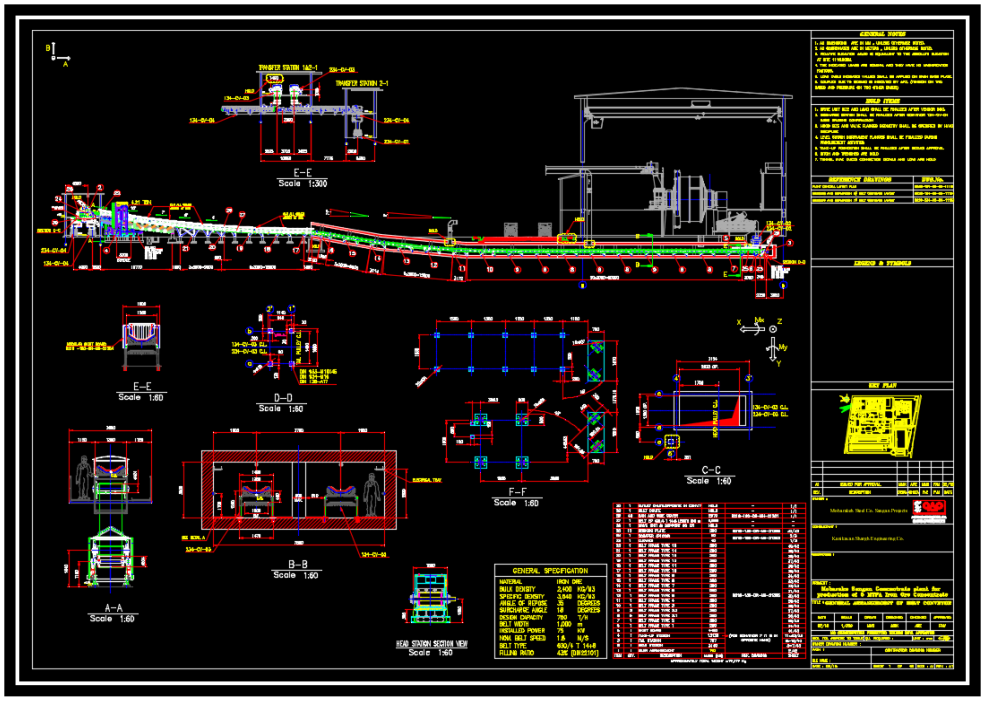


Headline of engineering activities in the engineering department of conveyors:

- Detailed maps of the following sections are provided separately. Explanation that the list of items (MTO) related to each item is specified in the map of the same item. The assembly drawing includes all parts of the conveyor belt in the side view and plan along with the necessary cuts and preparation of the list of contents.

-Preparation of layout plan of rollers including sections and number table
-Conveyor specification table including drums, belts, actuators, capacities and...
-Sitting and cover of stimulating drum
-Living room and moving drum cover
-The location of the material drop
-The tension part
-Stimulating, Moving, Stretching, Curving and Snub drums
-Mechanical frames
-Barrier sheets regarding material spillage
-Outbound and inbound shots
-Arrangement and specification of precision instruments
-Tripper (if any)

It is worth mentioning that in order to ensure the design, a complete report along with the introduction of each of the references used by the technical team of the complex is presented to the employer. As an example in the field of material transfer, the mentioned report includes the analysis of the conveyor belt during braking, start of movement, unloaded movement and steady state, taking into account the stiffness of all parts in the calculations. The output of the desired report includes traction forces in the mentioned states, power, rotational and linear speed, drum diameter and other basic detailed design items.


E-E
Scale 1:300
E-F
Scale 1:60
D-D
Scale 1:60
F-F
Scale 1:60
C-C
Scale 1:60
B-B
Scale 1:60
A-A
Scale 1:60
HEAD STATION SECTION VIEW
Scale 1:60
GENERAL SPECIFICATION

Reverse Engineering

Reverse Engineering (Back Engineering) is a process in which human-made artifacts (devices, objects or systems) are investigated by discovering technological principles by analyzing their structure and function. This process is very similar to research. It is scientific with the difference that scientific research is done on natural phenomena, but reverse engineering is done on man-made artifacts.

In most cases, reverse engineering is done on an industrial piece of mechanical or electrical device, which tries to create a new example of it without having previous information and only by measuring, separating the components and analyzing their performance.

In Iran, most of the time there are many industrial, mining, parts and equipment factories that are not available due to various reasons. It is natural that these equipments need to be repaired or replaced after working for a while, and considering that most of them are of foreign origin and currently it is difficult to access foreign supply sources, they must be made and replaced internally. Doing such work first requires a reverse engineering process and then their construction based on the drawings and technical information obtained.

An example of reverse engineering that has been carried out by GCF Australia in collaboration with Nozhan Tech Company (representative of the said company in Iran and a partner of Shukofa Sanat Pooya Company) in the country's mining industry in recent years is shown below.

An example of reverse engineering that has been carried out by GCF Australia in collaboration with Nozhan Tech Company (representative of the said company in Iran and a partner of Shokofa Sanat Pooya Company) in the country's mining industry in recent years is shown below.

-Reverse engineering and manufacturing of two trunnions - one fabric headwall for the first time for Tehran Cement Company

Due to its long experience and high capability in the manufacture of industrial parts and equipment, Shokofa Sanat Pooya Company is always ready to carry out the reverse engineering process on mining parts, equipment and machinery and related industries by using domestic and foreign technical-engineering facilities. There are projects like this.

Installation operation

This company with experienced and professional team and with all equipment and facilities such as all kinds of machine cranes with a capacity of 25 to 40 tons, 5 ton floor, special escort machines, generator, cutting machine, all kinds of wrenches, track meter , Jim Plaque (Polyft), standard bases, compressors, air pumps and electric and air drills by following the installation instructions approved by the employer and based on the installation schedule with the employer's desired priorities being clear in the shortest time As much time as possible and in parallel with the construction process, he works in the installation of ordered structures.

Shokofa Sanat Pooya Company

Equipped with the most advanced cranes and equipment for installing metal structures

The warehouse structure of Khatunabad Copper Smelting Concentrate
Employer: Moshiran Company
Weight: 1540 tons

foundation and footing

In Shokofa Sanat Pooya company, excavation operations, leveling, preparation, smoothing, filling holes, etc., in all excavation levels, in order to create a suitable substrate for the implementation of the drainage layer or the installation of steel mesh and reinforcements, to create a foundation using a machine Light or heavy road construction tools and equipment are carried out. If the foundation is small and there is no need for a great depth to implement the foundation, this operation is mainly done using human power and light equipment.

Excavation operation of the construction project of ferrosilicon factory

Activities related to concrete structures

Shokofa Sanat Pooya company, with a team of expert and experienced engineers in architecture-civil engineering and electrical-mechanical installations, and with a group of technicians and specialists, with years of experience in the implementation of concrete structures, seeks to create a platform Prosperous and stable for settlement and habitation and further, creating a low-risk environment in the construction of earthquake-resistant structures by using the latest methods and methods of construction and in harmony with the modern science of the world in terms of raising the safety factor in addition to protection. It acts on the environment in the country

Implementation of piling and preparation of workshop conditions for the reinforcement of roof elements (Ferrosilicon factory construction project)

Activities related to earthworks and road construction

Shokofa Sanat Pooya company, by using experienced managers and specialists, with the development and strengthening of management systems and having a wide support of specialized equipment and machinery, has managed and implemented road construction and earthworks projects in the development of the country's infrastructure. play a role

In road construction projects, large amounts of primary materials such as base and sub-base mix are needed. Due to the fact .that Shokofa Sanat Pooya company has sand mines, there will be no problem in this project to supply raw materials

Shokofa Sanat Poya company sand mine

In short, earth operations include initial mapping and laying the path, cutting and uprooting trees, preparing the bed of embankments and the bottom of trenches, excavation operations, complying with the number and slope of excavations, transporting materials from excavation to the depot, embankment operations, Compliance with the number and slope of the embankments, transportation of embankment consumables, spreading and compaction of the embankment layers is according to the instructions.

The main operations of road construction are the construction of the base, sub-base, pavement layers, table work, etc., all of these steps will be applicable after the mapping and engineering operations.

Leveling and adjustment operation by grader machine (Pouyan Gohar project)

South Khorasan iron ore mine

Activities related to metal structures

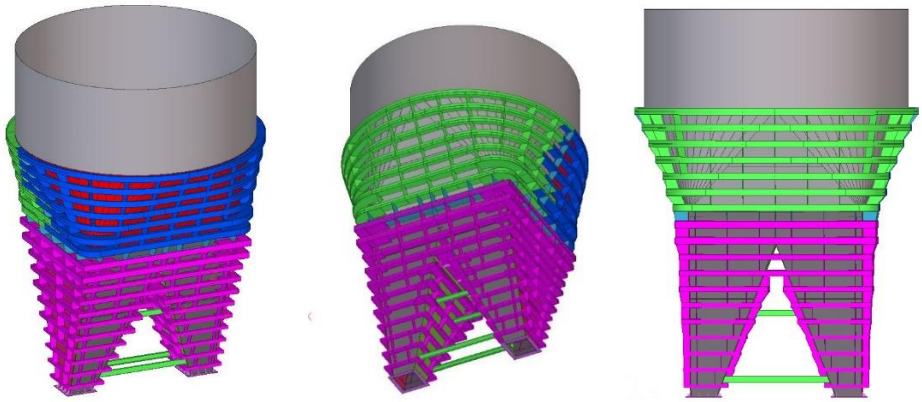
After the delivery of the metal skeleton drawings, the executive matters are carried out as follows in the technical office of this company

- Perform the initial measurements of the project
- Estimation of the initial material of the project
- Review of engineering drawings and technical proposal
- 3D modeling and clarification of technical issues (TQ)
- Preparation of cutting plans
- Preparation of workshop plans
- Preparation of installation plans
- Preparation of BOLT LIST
- Preparation of PROFILE LIST and final list of materials
- Preparation of Welding Map and NDT Map
- Preparation of supply list and list of special items
- Determining the technical specifications of colors and levels according to the client's request

After receiving the confirmation of the above documents from the customer, the production process begins.

Basic model

After receiving the drawings sent by the esteemed employer, the initial modeling is done in the technical unit of this factory. Due to the fact that the engineering drawings are not final, the initial model is very close to the reality. Therefore, the initial modeling begins in order to measure the list of required irons, the list of bolts and nuts, and the amount of paint required. Another advantage of preliminary modeling is creating an overview of the structure and identifying the largest parts in terms of weight, volume and length, after examining these parameters, the experts of this company will find the best arrangements and methods for building and installing the structure. It is worth noting that this company, having similar projects in its resume, can create confidence in the employer that the implementation and installation of this project will be carried out in the best possible way.



Modeling using the world's most advanced rabies software

During 3D modeling, considering that this activity in the technical office is a complete simulation of the real structure, there is a possibility that a series of ambiguities and executive cases will emerge during modeling. In these cases, the request for technical correction (TECHNICAL QUERY) is raised by the executive contractor. In this way, the TQ certificate is sent to the .desired employer or consultant

	PROJECT:				
	TECHNICAL QUERY (T.Q)				
	Date:	**No.:**	**Rev.:**	**Page:**	

TQ No: Date: Sheet:		TQ Issued By: Name and signature: Company: SHOKOUFA SANAT POUYA
Follow up for TQ No:		Criticality:
Affected work Activities (No): Discipline: Ref DWG.No/specification:		TQ Closed by : Name and signature: Date:
Query Description:		
Approved TQ by Supervisor / Inspector :		
Designer Response to Query:		
Designer	Prepared by: Signature: Date:	Approved by: Signature: Date:

Consultant Comment: Signature: Date:

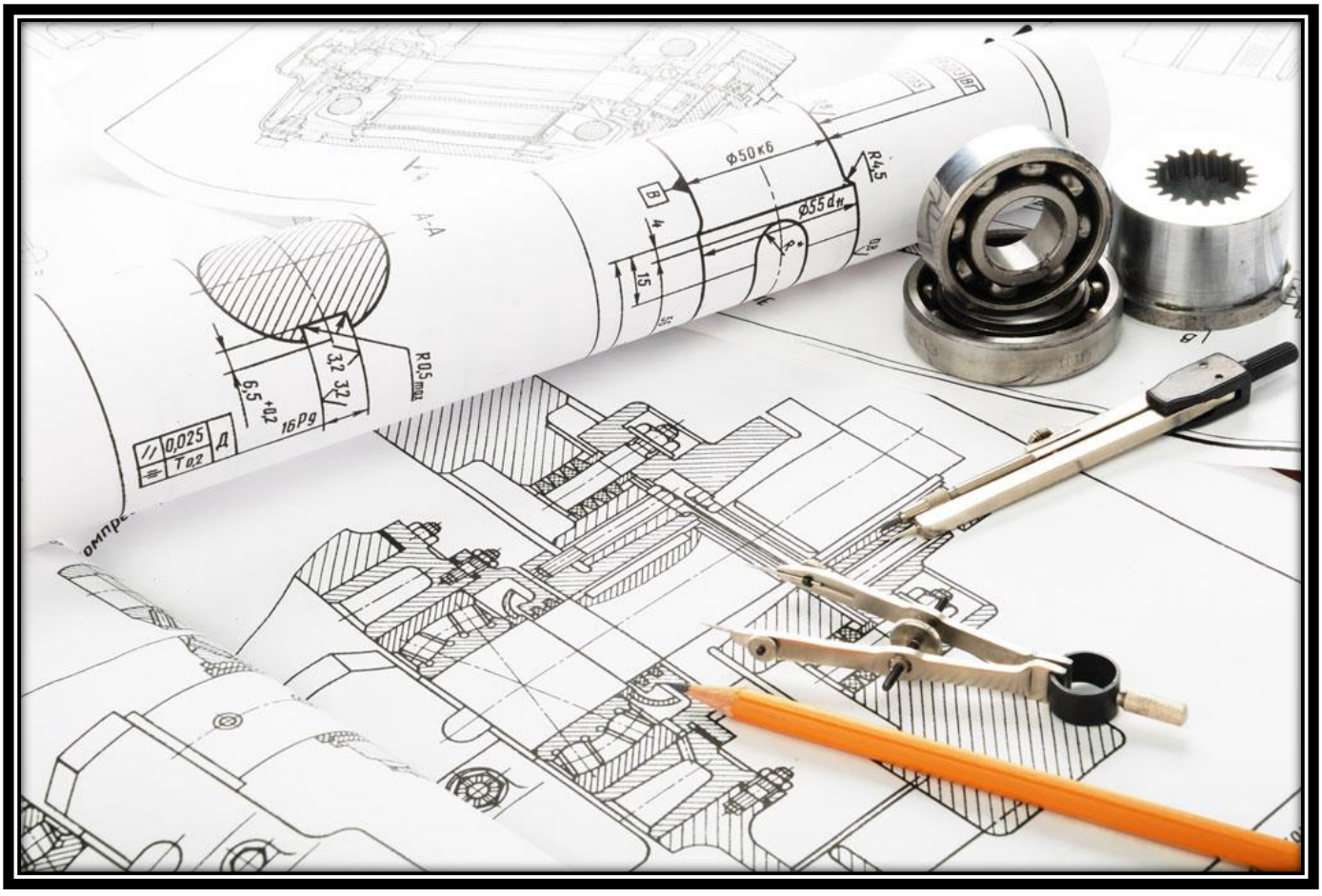
T.Q form for technical correction (TECHNICAL QUERY)

creation engineering

In the first step, the engineering operation will be carried out by examining and carefully studying the engineering plans, phasing and prioritizing the structure based on site restrictions during installation.
The second step is to check the specific parameters of the project by the experienced experts of this company. After examining these parameters, the experts of Shokofa Sanat Pooya Company find the best method of construction and installation and put them on the agenda of the factory. In the third step of construction engineering, according to the high experience of this company's experts, the issue of optimizing elements and connections in terms of execution and installation will be examined. Then suggestions and opinions of experts are sent to the employer. Finally, if the employer agrees, the necessary changes are included in the modeling part.

Preparation of workshop plans

In the construction of metal structures, the preparation of workshop plans has a special place. Speed and accuracy are very important and the quality of these two factors should be taken into consideration. Speed is because in the planning and scheduling of metal structures, a reasonable time will not be calculated for workshop plans and accuracy because errors in workshop plans can cause heavy financial losses. Therefore, the technical office unit of this company has equipped itself with the latest software.



Modeling software

Tekla Structures and Solid Works modeling software are used to prepare workshop drawings in this company.

The modeling operation of metal structures is generally done by Tekla Structures software. By performing modeling in a 3D environment, it is possible to simulate the structure in a completely real environment. With the help of this simulation, it is possible to see all the operational issues and ambiguities that were not clear in the two-dimensional engineering drawings during modeling, and the experts of this company will take the necessary measures to fix these defects until the final model is a The model should be complete and desirable in terms of construction and execution .After the completion of the modeling, in addition to the mapping and drawing operations, it will be possible to prepare all the necessary reports in detail, such as the material estimation list, the bolt and nut estimation list, and the color level, in order to determine the color value. extracted the required from the software.

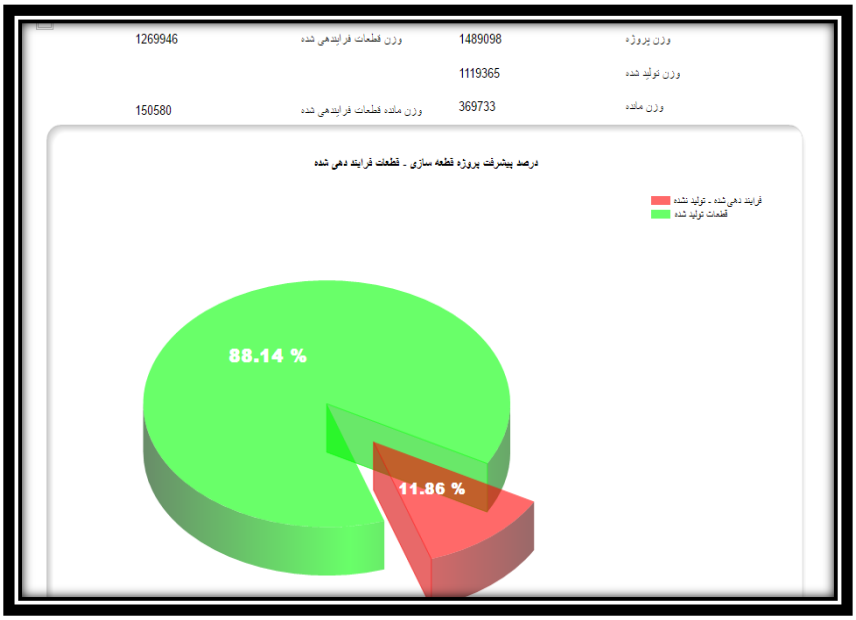
Some standards and regulations of loading, design and tolerance

Some of the standards and regulations used for the tolerance of the ordered structure are as follows:

•The sixth topic of the National Building Regulations (loads to the building)
•Topic 9 of the National Building Regulations (design and implementation of concrete buildings)
•Topic 10 of the national building regulations (design and implementation of steel buildings)
•Topic 11 of National Building Regulations (planning and industrial implementation of buildings)
•Regulations for design of buildings against earthquakes, standard 2800 (fourth edition)
•American Concrete Code No. ACI 318-99
•Rules for design and calculation of steel industrial buildings (Publication No. 325 of the Management and Planning Organization of the country)
•ASTM, DIN, EN
•AISC, ACI
American Welding Society (AWS D1.1)
•Guide to welding and welding joints authored by the National Building Regulations Organization
•Publication No. 325, design regulations for industrial structures
•Publication No. 288, regulations of welded steel industry structures
•Publication No. 264, connection in steel structures

Project planning and control

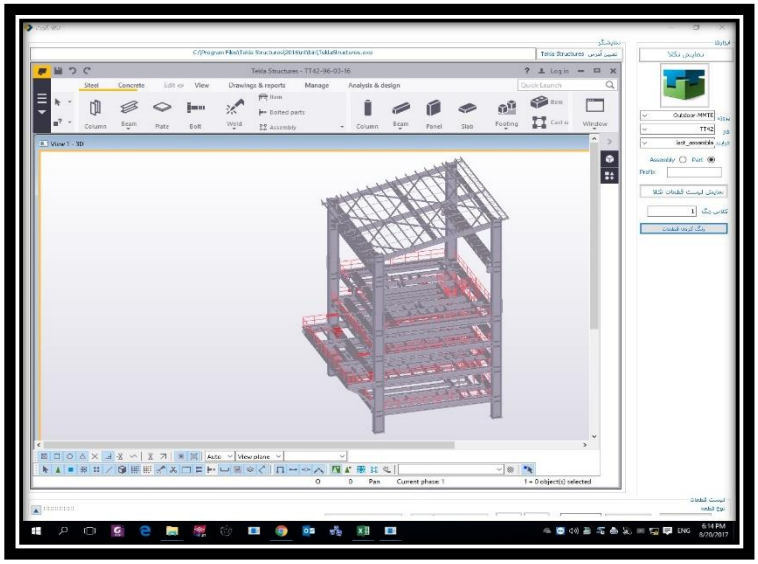
The main tool of the project planning and control unit is the PCP software, which was designed and launched by the programming forces of Shokofa Sanat Pooya and covers all production-related departments. In this unit, things related to project planning, production planning, project control, and optimal layout are done. Production line planning is done based on project planning and production line capacity, and it is controlled and tracked by recording information in the form of barcodes in the current system. Tekla Gadjet software is a tool between Tekla software and PCP internal software, which can be used to provide visual reports based on the progress of each process.



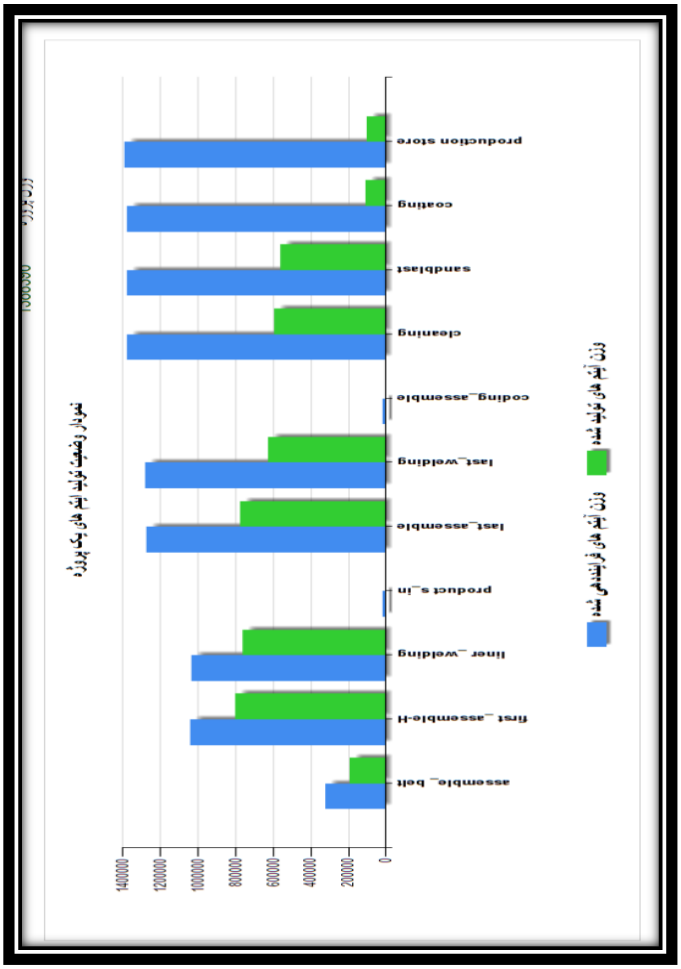
Among the advantages and capabilities of this software, the following can be mentioned:

- Start the assembly operation based on the visual progress of the parts
- Starting installation operations based on observing the progress of sending parts
- Visual progress report of each activity for each structure and item

Reports sent to the employer in the form of progress tables, projects, phases, items, which are separated by process. Also, in this regard, MSP and Primavera (P6) software are used to report the project process in order to provide production schedules and material supply and assembly and installation process and payment statement of financial status and in accordance with the request of respected customers



Sample production charts



Procurement and supply of materials

While providing the list of internal suppliers of this company, in the purchase and supply of the iron needed for the project, the list of suppliers approved by the employer (AVL) will be followed.

Company Name	Product Type
Mubarake steel of Isfahan	Galvanized sheet
Amirkabir Kashan steel	
Shahrekord car sheet	
Taraz Shahrekord	
The seven diamonds of Qazvin	
Auxin, Khuzestan	black sheet
healing	Grating
Galvanized live	
Arak rail	
Aran Part Pasargad	

Preparation and supply of consumables and required materials

Consumables used in the project are procured from manufacturers that have the national standard mark of Iran. While providing the list of internal suppliers of this company, the list of suppliers approved by the employer (AVL) will be followed in the purchase and supply of consumables required for the project.

Company Name	Product Type
Tivagster	سیم جوش co2
Mehr industry and trade	
Ama	Welding wire under powder
kavosh	
welding probe	Sub-powder welding powder
Rudab Plast	Types of polyethylene pipes
Georgian pars	Types of engines and gearboxes
Rahnama	

Runas	paint and thinner
Bajak	
colored armor	
Pars Shamin	

Preparation and supply of bolts and nuts

To prepare the bolts and nuts required for the project, reliable internal authorities that have the national standard mark of Iran are used. Presenting the list of internal suppliers of this company, in the purchase and supply of bolts and nuts required by the project, will follow the list of suppliers approved by the employer (AVL).
In order to buy standard bolts and nuts, the following must be observed:

_According to the AISC regulations, screws with ASTM-A490M and ASTM-A325M standards and according to EUROCODE-3, screws with EN 14399-4 standard should be used for frictional connection in terms of dimensions and mechanics.

_According to the European pre-tensionable screws standard EN 14399-4 (which has replaced the DIN 6914 standard since June 2006), screws, nuts and washers must be produced by a factory and the manufacturer's logo must be engraved on the screws, nuts and washers. has been.
The manufacturer is obliged to provide TEST REPORT dimensional and mechanical specifications for each batch of factory production.

The number of samples required for each type of test is based on the ASTM standard according to the table below.

Number of Pieces in a shipping Lot	Number of Specimens
150 and less	1
151 to 280	2
281 to 500	3
501 to 1200	5
1201 to 3200	8
3201 to 10000	13
10001 and over	20

Company Name	Product Type
Polad Pich Kar	bolt and nut
Iran Pich	
Pars connection screw	
Farasazan Pich Gostar	

Manufacturing

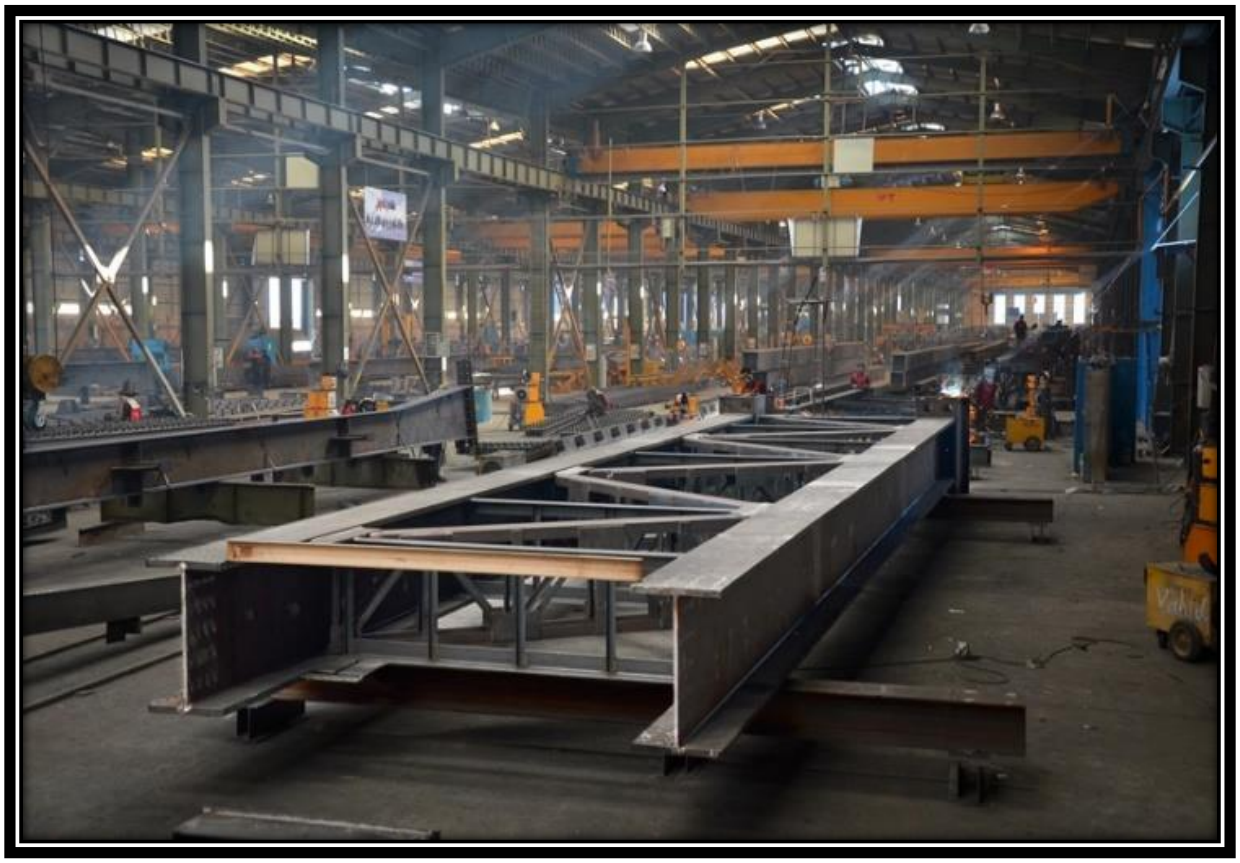
The construction and production process starts with the arrival of raw materials and irons to the cutting and strapping unit, and ends in the assembly unit and finally the cleaning section arrives.

The cutting and cutting unit at Shokofa Sanat Pooya Company is equipped with the most advanced and up-to-date automatic cutting, drilling, chamfering, etc. machines available in the world.

A view of the production hall with a monthly output capacity of 2500 tons

When the iron sheet enters the cutting and cutting unit, the cutting operation begins. Cold and hot cutting of sheets and profiles, according to the type of cutting, is done by guillotine, plasma, CNC cutting table, water jet, etc.

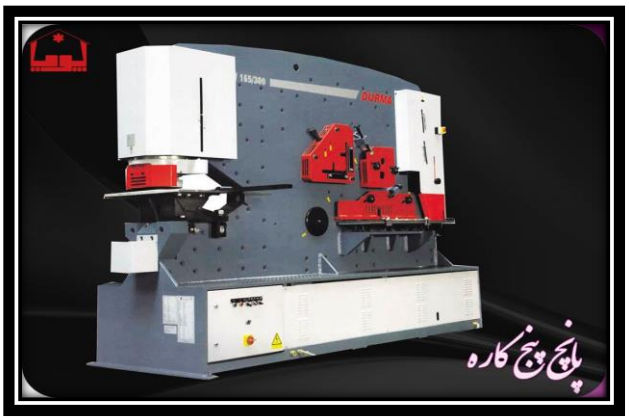
In the process of hot cutting, the CNC machine uses a 40-meter cutting table and the Under Water machine, with high precision, the ability to cut work in the most optimal shape and with the least amount of waste, and with the technology of producing seamless parts, it is possible to produce sections with long lengths. to do. After cutting, if necessary, drilling operations are performed by means of punching, CNC and radial drills. After the cutting operation, the desired parts, which now have a code and identity, enter the production hall, and the manufacturing and assembly operations are carried out according to the type of part with different instructions. It is worth mentioning that the production hall of this company is equipped with all kinds of sub-powder and welding machines, H machine and H straightener, and all kinds of sheet and profile rolling machines.



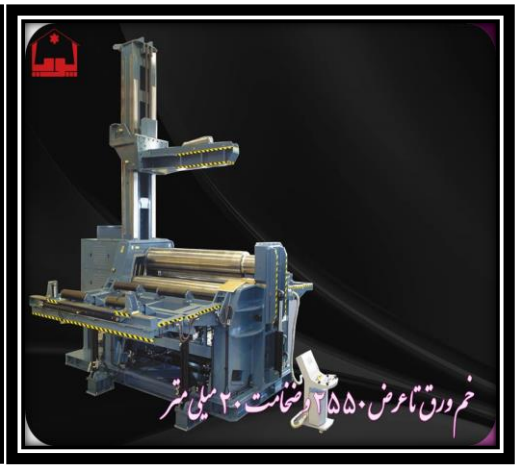
A view of the production hall of Shokofa Sanat Poya factory, equipped with the latest technology in the world

In the following, a view of some equipment and machines of the production hall is shown.


DURMA
PBH300
خم مقاطع پروفیل


پانچ پنج کاره


DURMA
Multi P 80
پانچ CNC


خم ورق تا عرض ۲۵۵۰ و ضخامت ۲۰ میلی متر


دریل CNC


اره نواری


جوش دروازه ای


جوش دروازه ای


۱۴۰ دستگاه جوش CO2


اچ ساز


جوش زیرپودری

Sandblasting and painting

The parts of the metal structure, after the cleaning process and following the environmental standards by the experts, according to the customer's approved instructions (Painting Procedure), were blasted by sand/shot blast (to the amount defined in the project specifications). And after the visit and approval of the resident inspector or temporary representative of the employer, in accordance with the instructions for painting with Fam (Ral) requested by the employer, the parts' surfaces are painted in different layers.

Blooming Color Salon is a dynamic industry
Equipped with an advanced ventilation system, overhead crane and card transfer

Construction and painting of a 28-meter crane beam by Shokofa Sanat Poya Company

Color laboratory

Having a dedicated paint laboratory, before the painting process, this company ensures the quality and compliance of the colors with the relevant standards required for its physical and chemical properties, and after obtaining a license from this unit, it paints the parts. .

In the following, the method of using the equipment available in the color laboratory of this collection is briefly described.

Density test:

Powder density is its mass per unit volume. The color density can be measured by using a pycnometer or Density Cup (a cylindrical container with a volume of 3100 cm and a specific weight that is covered with a lid). The density of the powder has a direct effect on .the amount of paint used per surface unit

Gloss meter:

Gloss meter is one of the laboratory equipment that measures the gloss units of painted surfaces, usually from the reflection angle of 20 degrees, 60 degrees and 85 degrees. This device shines a beam of light on the surface at a specific angle and can measure the level of glossiness of the surface from the amount of light absorption and calculating it in terms of the ratio of radiation to reflection.

Film thickness measurement:

This hexagonal thickness gauge is made of stainless steel and has a measurement range of 25 to 3000 microns. By placing the main bases of the blade at a 90 degree angle to the surface on the freshly painted surface, the thickness of the film will be the color of the number marked on the last tooth of the blade that is painted.

Dry film thickness measurement test (Coating Thickness Gauge):

The paint thickness gauge has the ability to measure the thickness of paint and coating on the surfaces of ferrous and non-ferrous metals. Measuring the thickness of the coating is very important in QC discussion in product quality control, process control and cost control of consumables.

Adhesion test:

Paint adhesion test is one of the important practical tools in measuring the quality of paint and its connection to the base on which paint work has been done. Various methods have been designed for this model of measurement, which are usually divided into several categories:

1) (١Cross Cut Method: In this method, depending on the thickness of the paint and the type of standard according to which the test is performed, a blade with a certain number of teeth and a certain distance between the teeth is selected and connected to the scraper. Two series of scratches are made perpendicular to each other on the surface of the paint and the test is done using a special glue. This cross-cut test method is not used for films with a thickness higher than 125 µm.
2) Test method (X-Cut): This X-Cut test method is used for films with a thickness of more than 125 µm in such a way that with the help of a ruler and a sharp razor, two cross cuts are made at an angle of 45 degrees and with Using a special glue, the test continues. According to the adhesion standard, it is qualitatively evaluated from 0 to 5 scale.

Grindometer test:

It is a stainless steel metal block with a longitudinal groove in the middle. The width of this groove is 25 mm and its depth is from 5 to 100 microns. Also, this device has a blade that is used to draw paint on the groove. With this device, the transverse line of the groove where the accumulation of grains on the surface turns into dispersion can be determined and reported as color grading.

Pencil Hardness:

A pencil hardness tester with 12 paint hardness tester pencils provides an easy, inexpensive way to determine relative scratch resistance and coating hardness. Pencils range in hardness from 6B (very soft) to 6H (very hard). Then a visual assessment is done and it is determined which pencil's hardness has damaged the color of the surface.

Viscosity test:

Viscosity is a measure of a liquid's resistance to flow. Many different methods are used to measure viscosity:

(۱Viscosity Cup: One of the most common viscosity cups is the Ford Cup. The viscosity of the paint can be estimated according to the time it takes for the paint to leave the cup in seconds.

(۲Krebs viscometer: Krebs viscometer is used to measure viscosity. Among the advantages of this viscometer, we can mention the motor speed control with high stability, accuracy and the possibility of monitoring during measurement.

Salt spray test:

The salt spray test (salt mist or salt spray) provides a controlled and accelerated corrosive environment condition, which is related to the information related to the corrosion resistance of the coated (paint) industrial parts, so that the level of surface protection can be determined. Check the coated surface for corrosion.

Colorimeter test:

Color meter or calorimeter or color analyzer is one of the equipments of paint, resin and industrial coating laboratories. The colorimeter device is used to check and analyze the color spectrum and color spectrum coordinates in order to match the color of the standard sample with the color of the produced sample. In this device, L*A*B* parameters are measured for the standard sample and the produced sample, and finally the difference between these two samples is determined by the ΔE parameter.

Impact Test:

IThis device is a device that is used to determine the adhesion and strength of paint coating layers in terms of cracking, peeling, as well as the resistance to brittleness of coatings and materials due to impact and deformation of the tested material in a concave and on the other hand (convex) way. is used

Flexibility Test (Mandrel):

Bending test is used to check the flexibility of coatings. In this test, coated metal plates are bent around a conical metal axis. In the cone bending test, the results are recorded as the distance from the small end of the cone to the crack in the sample. Also, in this test, the covered plate is bent to an angle of 135 degrees around the conical axis in about one second. The .smallest bending diameter in which no crack is observed is reported as the bending resistance of the coating

Quality Control

The quality control unit having all the equipment required in this department and calibrated devices by providing valid relevant certificates (example attached) after holding the PIM meeting and producing ITP approved by the employer (example attached) at each of the levels The production process is under the supervision of the employer's resident or temporary inspector, to monitor the production process and the quality of its products .The personnel of the quality control unit have been continuously present in all the activities of this factory from the moment the material arrives to the time of loading the product and in all stages from the cutting unit, boring, strapping, assembly and production of parts, sandblasting, paint, packaging, loading. and transportation have an effective presence and perform the necessary controls and tests and prepare and issue certificates in different departments and get them approved by the monitoring device. All instructions and samples of laboratory reports are attached for review.

The raw format of some of these certificates is shown below.

Item	Describtion
1	Procedure Qualification Record (PQR)
2	Welding Procedure Specification (WPS)
3	Report of Dimensional Inspection
4	Calibration Certificate
5	CO2 Calibration Certificate
6	Welder Performance Qualifications (WPQ)
7	Report of Painting Inspection
8	Lamination check Form
9	Packing List
10	PT Inspection Report
11	UT Inspection Report
12	VT Inspection Report

PQR

	Project Title:	
	reconstruction of Crane	
date:13/dec/2018	Document Title: Procedure Qualification Record (PQR)	Page: 3of 7

Document Number :
Company Name: SHOKOOFA SANAT POYA
welding process(es): SMAW
Standard : AWS D 1.1(REV2015)

Identification: SHS-PQR-002
revision: 0 Date: 13-Dec-2018
Authorized by: A.BABAIE
Type: Manual ■ Semi-Automatic □ Machine □ Automatic □

JOINT DESIGN USED
TYPE: V-groove weld
Single ■ Double weld □
Backing: YES □ NO ■
Backing Material: N/A
Root Opening: 3mm
Groove Angle: 60 -5,+10
Back Gouging: YES ■ NO □ Method grinding

POSITION
Position of Groove:1G 2G 3G
Vertcal Progression: Up ■ Down □

ELECTRICAL CHARACTERISTICS
Transfer Mode: Short-Circuiting □ Globular ■ Spray □
current: AC □ DCEP ■ DCEN □ PULSED □
Tungesten Electrode
size: N/A
Type: N/A

BASE METALS
Material Spc.: A36 &A572
Type Or Grade: ST-37 & ST-52
Thickness: 25 mm Groove
Diameter(pipe)

TECHNIQUE
Stringer or Weave Bead: STRING & WAVE
Multi-Pass or Single Pass (per side): MULTI PASS
Number of Electrodes: SINGLE
Electrode Spacing:N/A
longitudinal:N/A
lateral: N/A
Angle: N/A

Filler Metals
AWS Specification: A5.1
AWS Classification: E7018 (AMA) F-Number: 4 A-Number:1

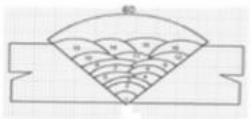
SHELDING
FLUX
GAS:
Composition:
Electrod-Flux(class)
Flow Rate:
Gas Cap Size:

Peening: N/A
Interpass Clining: BRUSHING OR GRINDING

PREHEAT
Preheat Temp.,Min
THK 20 to 38 10c

POSTWELD HEAT TREATMENT
Temp. N/A
Time N/A

WELDING PROCEDURE

Pass or Weld Layer(s)	Process	Filler Metals Class	Filler Metals Dim.	Current Type &Polarity	Current Amps or Wire Feed Speed	volts	Travel Speed	Joint Details
1	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
2	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
3	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
4	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
.	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
.	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
15	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	
16	SMAW	E7018	3mm	DC/EP	90-120	80-130	12-30 cm/min	

Manufacturer :	Inspector :	Client :
Q.C DEP. Date		

WPS

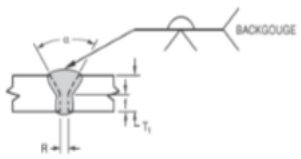
	Project Title: **reconstruction of Crane**	
date:13/dec/2018	**Document Title: Welding Procedure Specification (WPS)**	**Document Number: 001**

Company Name	SHOKOUFA SANAT POYA	Identification:	SHSP-WPS-0000-002
welding process(es)	GMAW	revision: 0	Date 13-Dec-18
Supporting PQR No	PREQUALIFIED	Authorized by:	A.BABAIE
Standard :	AWS D 1.1(REV2015)	Type	Manual ☐ Semi-Automatic ■ / Machine ☐ Automatic ☐

JOINT DESIGN USED		POSITION	
TYPE:	B-U2-GF	Position of Groove:1G,2G,3G	
Single ■	Double weld ☐	Vertcal Progression:	Up ■ Down ☐
Backing:	YES ☐ NO ■	ELECTRICAL CHARACTERISTICS	
Backing Material:	N/A	Transfer Mode	Short-Circuiting ☐
Root Opening	3mm +2,-3 Root Face Dimension:3mm		Globular ■ Spray ☐
Groove Angle:	60 -5,+10	current: AC ☐	DCEP ■ DCEN ☐ PULSED ☐
Back Gouging:	YES ■ NO ☐ Method grinding	Tungesten Electrode	
BASE METALS		size:	N/A
Material Spc.	A572	Type:	N/A
Type Or Grade	ST52	TECHNIQUE	
Thickness:	20mm Groove	Stringer or Weave Bead:	STRING & WAVE
Diameter(pipe)		Multi-Pass or Single Pass (per side):	MULTI PASS
Filler Metals		Number of Electrodes:	SINGLE
AWS Specification	A5.18	Electrode Spacing:N/A	longitudinal:N/A
AWS Classification	ER70S-6 **(AMA)** F-Number: 6 A-Number:1		lateral: N/A
SHIELDING			Angle: N/A
FLUX	GAS: CO2		
	Composition:99.98%	Peening: N/A	
Electrod-Flux(class)	Flow Rate: 15 L/min	Interpass cleaning:	BRUSHING OR GRINDING

PREHEAT			POSTWELD HEAT TREATMENT	
Preheat Temp.,Min	THK 3-20 0ċ	THK 20-38 10ċ	Temp.	N/A
	THK 38-65 65ċ	OVER65 110ċ	Time	N/A

WELDING PROCEDURE

Pass or Weld Layer(s)	Process	Filler Metals Class	Filler Metals Dim.	Current Type &Polarity	Current Amps or Wire Feed Speed	volts	Travel Speed	Joint Details
ALL	GMAW	ER70S-6	1.2mm	DC/EP	120-500	18-38	12-30cm/min	

Manufacturer :	Inspector :	client:

Report of Dimensional Inspection

	REPORT OF DIMENSIONAL INSPECTION	DATE :	Page:1 Of 1
		C.F.FO-930515/01	

Department Name : QUALITY CONTROL	REPORT NO :	Material :
Description :	Standard :	QTY :
Dwg No. :	Weight (Kg) :	

Item	Part No.	Design Dim	Actual Dim	Tolerance	Deviation	Result
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Sketch/Remark :

Result : ■ Accepted ☐ Not Accepted ☐ Repaired

Manufacturerr QC	Contractor	Consultant
Sign:	Sign:	Sign:
Name:	Name:	Name:
Date:	Date:	Date:

Doc 105

Calibration Certificate

	گواهی کالیبراسیون داخلی	کد فرم: FO-14-08/00

شماره گواهی : تاریخ انجام و صدور گواهی : تاریخ کالیبراسیون بعدی :

نام دستگاه : کد دستگاه : گرید : ریزنگری : شماره دوره :

شماره برداشت	Real گیج بلوک	خوانش خارج سنج		Averege میانگین	Eror ave _real	ei max_ min	e maxei	T e/3	ok not	Real گیج بلوک	خوانش داخل سنج	Eror	نقطه صفر خوانش	نتیجه نهایی
1			UP											
			MID											
			DOWN											
2			UP											
			MID											
			DOWN											
3			UP											
			MID											
			DOWN											
4			UP											
			MID											
			DOWN											
5			UP											
			MID											
			DOWN											

گواهی نامه مرجع به شماره : از شرکت : مسوول کالیبراسیون :

CO2 Calibration Certificate

FO-14-11

فرم کالیبراسیون دستگاه CO2

DATE:

دوره :یکماهه

Plate type	Filler metal	Travel speed	volt	Polarity	Apm
ST37-2	E70S 1.2mm	12-30cm/min	18..30	DC-EP	140-220

نتیجه تست Utانجام شده بر روی نمونه آزمایشی دستگاه شماره

تاریخ انجام تست	نتیجه

Welder Performance Qualifications (WPQ)

CF:Fo-16-27/00	**Welder Performance Qualifications (WPQ)**	Shokufa Sanate Pouya Co

First Name : **Last Name :**

Date Of Birth : **Welder's Code :**

Test Describtion

Identification Of WPS Followed : Production Weld : ☐ Test Coupon : ☐

Specification Of Base Metal(s) : Thickness : Variable Expiration Date :

Testing Condotions and Qualification Limits

Welding Variables(AWS)	Actual values	Range Qualified
Welding Process(es)		
Type Used(ie:Manual,semi Auto)	Semi Auto	Semi Auto
Backing (Metal,Weld Metal,Double Welded.etc.)	Double Welded	Double Welded
Plate Or Pipe (Enter Diameter if Pipe or Tube)		
Base Metel P- or S-Number to or S-Number	Not Requier	Not Requier
Filler Metal or Electrode Specification (s) (Info.Only)	AWS ER70S-6	AWS ER70S-6
Filler Metal or Electrode Classification (s) (Info.Only	A5.18	A5.18
Filler Metal F-Number (s)	Not Requier	Not Requier
Consumable Insert (GTAW or PAW)	Not Requier	Not Requier
Filler Type (Solid/Metal or Flux Cored/Powder)(GTAW or PAW)	Not Requier	Not Requier
Deposit Thickness for Each Process	Co2 mm	Co2 mm
Position Qulified (1G,2G.6G,3F.etc.)		
Vertical Progression (Uphill or Downhill)		
Type of Fuel Gas (OFW)	Variable	Variable
Inert Gas Backing (GTAW,PAW,GMAW)	GMAW	GMAW
Transfer Mode (Spray/Globular or Pulse to Short Circuit GMAW)	Pulse to Short Circuit	Pulse to Shotr Circuit
GTAW Current Yype/Polarity (AC,DCEP,DCEN)	Not Requier	Not Requier

Visul Examination of Completed Weld (AWS D1-1) :

Weld.No	Weld Long	Welding Position	Thickness	Type Defect	Grade
1					of 100
2					of 100
3					of 100
*Acceptance Criteria Minimum Grade Should be 70 *					AVG= Result=

Ultrasonic Examination of Completed Weld (AWS D1-1) :

Weld.No	Weld Long	Thickness	Result		Location Defect			After Repair		Grade
			Acc	Rep	X	Y	Z	Acc	Rep	
1										of 100
2										of 100
3										of 100
*Acceptance Criteria Minimum Grade Should be 70 *										AVG= Result=

QC Inspector :	QC Manager :
Date :	Date :
Sign :	Sign :

Report of Painting Inspection

	REPORT OF PAINTING INSPECTION	DATE :	Page: 1 Of 1
epartment Name : QUALITY CONTROL Part Name : Dwg No. :		Material : QTY : REPORT NO :	
Surface			
Preparation *Shotblasting* ☐ *Sandblasting* ■ *Mech Preparation*			
Preparation Degree			
Sa2 ☐ *Sa2.1/2* ■ *Sa3* ☐ *St2* ☐ *St3* ☐			
paint type			

DESCRIPTION	Type :	Required Value :	Ral :	Date :
PRIMER TYPE :				
THK, /INTER MEDIAT TYPE:				
THK, /TOP COAT TYPE :				

Table Of Paint Thickness

(MICRON) : *Painting Layer :*	*Measured* *Identifiction*						*Ave.*	*Result* *Acc*	*Rej*
Primer :									
Inter Mediate :									
Top Coat :									

Air temperature	*Primer :*	*Inter Mediate :*	*Top Coat :*
Relative Humidity	*Primer :*	*Inter Mediate :*	*Top Coat :*

Result : ■ *Accepted* ☐ *Not Accepted* ☐ *Repaired*

Manufacturer QC	*Contractor*	*Consultant*
Sign:	*Sign:*	*Sign:*
Name:	*Name:*	*Name:*
Date:	*Date:*	*Date:*

Doc 102

Lamination check Form

	Project Title:	
Contract No :	Date:	
Document Title :		Page : 1 of 1

Ultrasonic Examination Report (Lamination check)

Report No :		Place of Test :
		Ref. Standard :
		Material :

Surface Condition : □ As Welded □ Grinded □ Machined □ AS Forged □ AS Cast ■ AS Rolled

Equipment UNION 350-C & SONA TEST	Probe :	Angle :
		Frequency :
		Crystal Diameter :
		Serial NO :
Reference Block :		db Amount (db) :
Ref.Level (%) :		Couplant :

RESULT :	ACCEPTET √	AFTER REPAIR ACCEPTET □	REJECT □

Heat no	Length	Thickness	Defect			D=A-B-C (AWS)	Distance		Result		Welder Stamp
			Length	Depth	Type				ACC	Reject	

REMARK :

Sub-Contractor	Main-Contractor (FRC)	Client/Consultant (NIPEC)
Sign:	*Sign:*	*Sign:*
Name:	*Name:*	*Name:*
Sign:	*Date:*	*Date:*

Packing List

	Project:						
	PACKING LIST			DATE :			Page:
Date :	No. :			Sheet No. :			
From :				To :			
Packing Type	Open	Chassis		Pallet	Box	Etc.	
Gross Weight (Kg) :				Net Weight (Kg) :			
Contents							
Item	Departmen	Part Name	DWG No.	Quantity	Total Quantity	Weight (Kg	Remarks
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
Driver :				Truck NO. :			
Manufacturer		Contractor		Consultant			
Sign :		Sign :		Sign:			
Name :		Name :		Name :			
Date :		Date :		Date :			
Doc 103							

PT Inspection Report

	PT INSPECTION REPORT	
	PROJECT:	
Contract No :	C.F:QC-910612/5	Date :
Document Title :		Page : 1 of 1

Liquid Penetration Examination Report (PT)

Report No :				Date /Place of Test :			
DWG No :				Ref. Standard :			
ITP ITEM No :				Quantity :			
Part Name :				Material :			
Surface Preparation :				TECHNIC OF TEST :			
Surface Temperature :							
Pre Cleaning :		□ N/A		■ Before		□ After	
		Brand :			Brand :		Brand :
Consumable Used :	PENETRANT	Batch No :		REMOVER	Batch No :	Developer	Batch No :
		Expiry Date :			Expiry Date :		Expiry Date :
Application Time :	Preparation :			Developing Time :			

Row	Weld No	Length (mm)	Defect	Weld Type	ACC	Repair	Accept After Repair
1							
2							
3							
4							
5							
6							
7							
8							
9							

Manufacturer QC	*TPA*	*CLIENT*
Name:	*Name:*	*Name:*
Date:	*Date:*	*Date:*
Sign:	*Sign:*	*Sign:*

UT Inspection Report

	Ultrasonic Report				
REPORT No. :	DATE:	FORM CODE: F 824-08		REV. :	
Contractor : SHOKOUFA SANAT POUYA		Client :			
Project Name :BR-02-005		Part Name:			
DWG NO/Rev :		Material/Thickness :			
Type of Test. :		Applied cod :			
Site Scan 140 ☐ Equipment . Ascan type SONATEST ■		STANDARD :			

Probe :		Frequency :	Size (mm) :	Angle :	Wave :
1					Sh . W
2 3					Normal : ☐ Angle : ■ Range Calib:

	Amplitude	Couplant:L	Calibration Block:
Surface Prepartion:	Surface Temp	ref.lvl=	Scaning db. :

Weld No	Length of test	Thickness	Defect			D=A-B-C (AWS)	Result			Welder Stamp
			Length	Depth	Type		ACC	ACC AFTER REP	Reject	
Total:	0									

REMARKS :	Result : ACC

Manufacturerr QC	*TPA*	*CLIENT*
Name :	Name :	Name :
Sign :	Sign :	Sign :
Date :	Date :	Date :

VT Inspection Report

			VISUAL INSPECTION OF WELD REPORT		Date :		Page : 1 OF 1			
Client :			Project :			Supervisor :				
Report No. :			Date :							
Component :			Standard :							
Drawing No. :										
Item No.	Part No.	Weld No.	Welder No.	Type Of Defect	Before Rep.		After Rep.		Remark	
					Accept	Reject	Accept	Reject		
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
Sketch/Remark :										
Result		■ Accepted		□ Not Accepted			□ Repaired			
Manufacturer			Contractor			Concultant				
Sign :			Sign :			Sign :				
Name :			Name :			Name :				
Date :			Date :			Date :				
Doc 101										

MT Inspection Report

FORM QW-482 (Back)

WPS NO REV

POSITIONS (QW-405)

Position(s) of Groove
Welding Progression: ☐ Up ☐ Down
Position(s) of Fillet -
Other

POSTWELD HEAT TREATMENT (QW-407)

Temperature Range N/A
Time Range N/A
Other

PREHEAT (QW-406)

Preheat Temperature, Minimum
Interpass Temperature, Maximum
Preheat Maintenance
Other

GAS (QW-408)

	Percent Composition Gas(es)	(Mixture)	Flow Rate
Shielding			
Trailing			
Backing			
Other			

ELECTRICAL CHARACTERISTICS (QW-409)

Weld Pass(es)	Process	Filler Metal classification	Filler Metal Diameter	Current Type and Polarity	Amps (Range)	Wire Feed Speed (Range)	Volts (Range)	Travel Speed (Range)	Other (e.g., Remarks, Com- ments, Hot Wire Addition, Technique, Torch Angle, etc.)

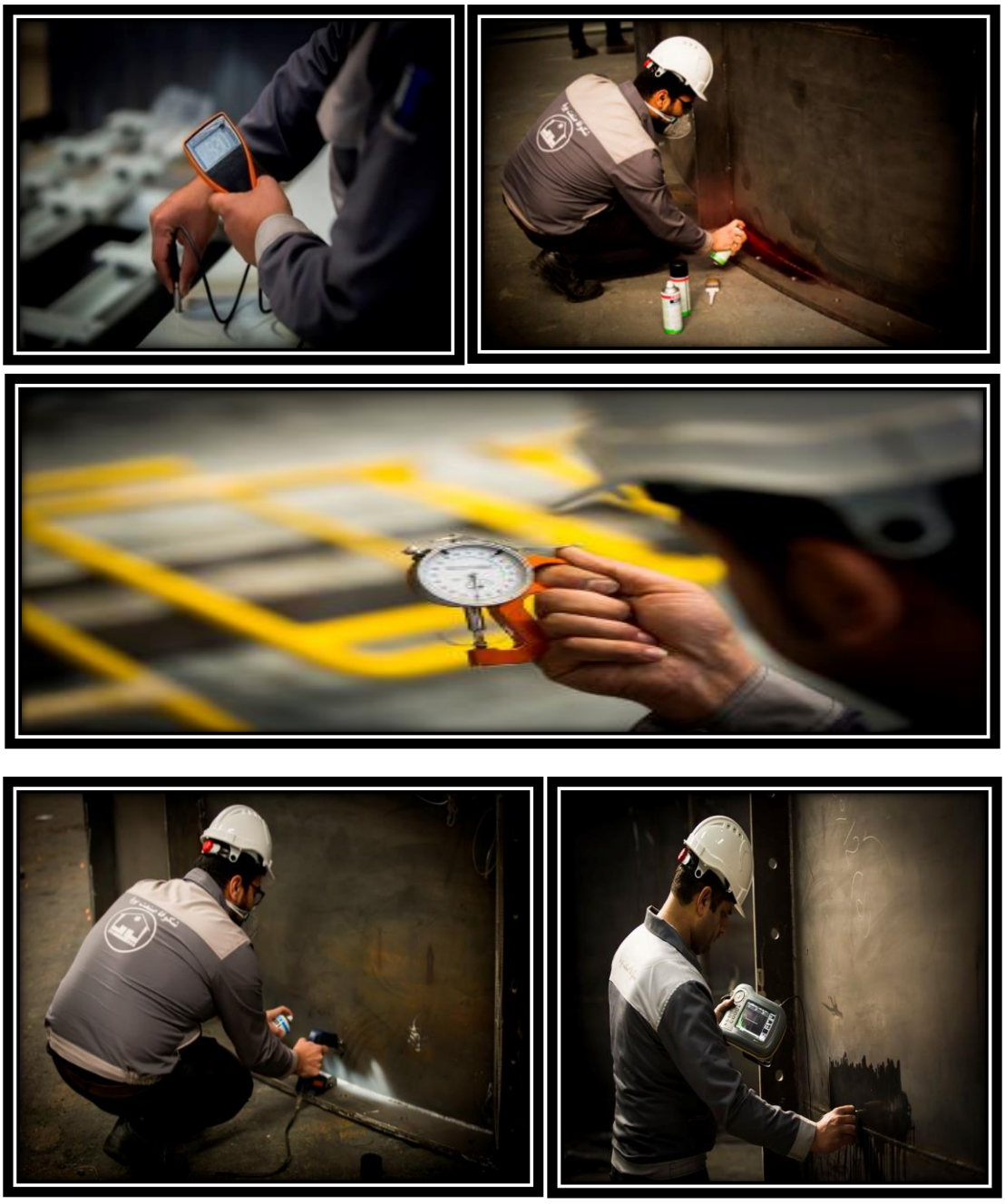
Amps and volts, or power or energy range, should be specified for each electrode size, position, and thickness, etc.

Pulsing Current Heat Input (max.)
Tungsten Electrode Size and Type
Mode of Metal Transfer for GMAW (FCAW)
Other

TECHNIQUE (QW-410)

String or Weave Bead
Orifice, Nozzle, or Gas Cup Size
Initial and Interpass Cleaning (Brushing, Grinding, etc.)
Method of Back Gouging
Oscillation
Contact Tube to Work Distance
Multiple or Single Pass (Per Side)
Multiple or Single Electrodes
Electrode Spacing
Peening
Other

In the following, a view of some equipment and tests of the QC unit is shown.



Shokofa Sanat Poya Company

Equipped with the most advanced technology in the field of tests and welding tests

Valid ISO certificates and ratings

Shokofa Sanat Pooya Company, as a contractor for design, supply, construction and installation projects of all kinds of steel structures and equipment, in order to achieve its highest goal, which is to have the trust and satisfaction of customers, in line with the quality of production and achieving the policy of the management. has received valid international certificates, taking into account the values and following all the specifications and requirements contained in the contracts, national and international regulations and standards with the participation of all employees, under the ISO certificates from the reliable .company ISO 9001, ISO 14001, OHSAS 18001 has been implemented in this company

A view of some valid international certificates obtained by

Shokofa Sanat Poya Company

The ISO standard ISO 3834-2 expresses the quality requirements of fusion welding of metallic materials and was designed and compiled in order to provide guidance for industries involved in welding activities. Therefore, naturally, companies that part of their product production activities are done by welding and want to improve their activities or develop their market, will need this standard.

TÜV NORD

CERTIFICATE

Quality Requirements Management of Metalic Materials Fusion Welding Process as per ISO 3834-2: 2005

In accordance with TÜV NORD Iran procedures, it is hereby certified that

SHOKOUFA SANAT POUYA Co.

Imam Reza West Road, 14th Km of Tehran Road, Kerman, Iran

Providing the Fusion Welding Process Management in Scope of

Production of Steel Structure by the Methods of OFC, PAC and Mechanical Cutting, SMAW, GMAW and SAW Welding and NDT

Certificate Registration No. IR 3834-2 19/0101 Valid until 2022-09-21

Audit Report No. 3834-2 IR 4400 Initial certification 2019

M.A.Ahmadi
Certification Division
at TÜV NORD Iran

Tehran, 2019-09-22

This certification was conducted in accordance with the TÜV NORD Iran auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD Iran Apt.4, 6th Floor, Firoozeh Building, No. 22, Firoozeh St., North Schreverdi St.,Tehran, Iran

TÜV NORD

گـــــواهینـــــامه

مدیریت الزامات کیفیتی فرایندهای جوشکاری مواد فلزی

ISO 3834-2 : 2005

مطابق با روش‌های اجرایی TÜV NORD Iran، گواهی می‌نماید که

شرکت شکوفا صنعت پویا

ایران، کرمان، کیلومتر ۱۴ جاده تهران، کنارگذر غربی امام رضا

مدیریت فرایندهای جوشکاری ذوبی در پیروی از استاندارد بالا برای دامنه کاربرد تشریح شده در زیر، بکار می‌گیرد

تولید اسکلت فلزی به روش برشکاری گاز سوختنی و اکسیژن، قوسی پلاسما و مکانیکی و جوشکاری قوسی، الکترود دستی، قوسی تحت پوشش گاز محافظ و قوس زیر پودری

شماره ثبت گواهینامه: IR 3834-2 19/0101 دارای اعتبار تا تاریخ: 2022-09-21

شماره گزارش ممیزی: 3834-2 IR 4400 تاریخ نخستین صدور گواهینامه: 2019

M.A.Ahmadi
مسئول صدور گواهینامه در
TÜV NORD CERT GmbH

تهران، 2019-09-22

صدور این گواهینامه مطابق با روش‌های اجرایی ممیزی و صدور گواهینامه TÜV NORD Iran انجام شده است و ممیزی‌های مراقبتی مقرر را به همراه خواهد داشت.

شرکت مشارکتی تورف توره ایران تهران، خیابان سهروردی شمالی، خیابان تیروزه، پلاک ۲۲، ساختمان تیروزه، طبقه ششم، واحد ۶

HSE unit

All the processes of this company in order to create a suitable platform for improving the productivity and excellence of the organization and reducing losses caused by accidents and maintaining the safety, health and hygiene of human resources and protecting the environment and reducing harmful environmental effects and following HSE standard guidelines It operates under the direct supervision of this unit. In order to ensure the existence of a sufficient and appropriate attitude and knowledge towards HSE in order to create the ability in people to perform tasks and responsibilities in a safe manner, Shokofa Sanat Pooya Company provides appropriate training to personnel. These training courses are planned, designed and implemented for all personnel and at all work levels (from managers, workers, contractors, etc.) at the beginning of employment, according to the type of work and their needs. All HSE training needs of people are determined and implemented according to their job description, work sensitivity, related risks, legal requirements, employer's opinion, etc.

Place of delivery

The place of delivery of the ordered items will be determined according to the employer's request.

Delivery time

The time of preparation of workshop drawings, construction and installation of metal structure parts will be announced according to the coordination of the managers of the two companies.

Shokofa Sanat Pooya Company is equipped with equipment for transporting large and heavy cargoes

The list of documents that can be submitted in the implementation of the project

- Calculation Book
- General arrangement and assembly drawings
- Drawing list that will be submitted
- Shop Drawing
- Detail Drawing
- As Built drawing
- Bills of Material /Part List
- Sub-Vendor list
- Schedule Plan
- Material Certificates
- QC Certificates
- Material test certificates
- Packing and shipping list
- WPS, PQR
- Installation drawings
- Bolts/Nuts, Washers list
- Inspection and test plan in accordance with approved standards on PIM
- NDT procedures
- Final Data Book

Tools, devices and main machines of the production unit

Cutting machines	
Quantity (device)	device name
۲	meter guillotine ۶
۱	meter guillotine ۳
۴	meter guillotine ۲
۳	Guillotine 70 cm
۱	way guillotine-۵
۴	Decoiler
۷	plasma cutting
۱	CNC cutting table
۳	CNC cutting table with water tank 40 meters long
۱	Water jet cutting
۱	CNC punch
۱	CNC drill
۳	Straight cut on 11 picks
۶	Radial drill
۳	thread
۱	thread cutting
۵	pakh woman
۱	meter lathe ۲
۱	meter lathe ۲/۵
۱	meter lathe ۳
۲	Shaper
۸	rail cut
۲	female license plate (engraved)

Specialized welding unit machines	
Quantity (device)	device name
۸	Track sub-base
۱	Gate subfloor
۱۴۷	Boiling CO2
۵۰	Electrode welding

Assembly unit devices	
Quantity (device)	device name
۲	H instrument
۱	Straightener H device
۲	sheet rolling
۱	Profile rolling
۱	Press brake (hydraulic bending machine)

Number of Staff	Description of the operational unit
people ۵۵	Cutting machines
people ۵۰	Specialized welding unit machines
people ۷۰	Assembly unit devices
people ۳۸	Sand blast and paint unit
people ۲۵	Transportation and storage unit

Handling and storage unit	
Quantity (device)	device name
۴	trailer
۱۹	ton overhead crane ۵
۴	ton overhead crane ۱۰
۱۴	ton overhead crane ۱۶
۱	ton overhead crane ۲۰
۱	ton overhead crane ۲۵
۳	Half gantry crane 5 tons
۲	ton semi-gantry crane ۷
۳	ton semi-gantry crane ۱۰
۳	ton gantry crane ۱۰
۱	ton gantry crane ۲۵
۲	ton gantry crane ۳۲
۴	mobile crane

Sand blast and paint unit	
Quantity (device)	device name
۱	Airless
۱	sheet shot
۱	Section shots
۷	document cauldron
۴	air compressor

Transport and installation unit	
تعداد	device name
1	floor crane
1	ton crane ۲۰
2	ton crane ٤٠
2	FAW truck
1	Volvo FH truck
1	HOWO truck
2	meter shed ۳۰
12	meter shed ۱۵
6	meter container ۱۲
4	Diesel generator 200
3	Sliding sole
6	Trolley sole
1	axis backbreaker ٤
2	Dolly attached to the backbreaker
2	Diesel air compressor
4	Pressure meter
2	Total camera
2	Neo camera
2	Theodolite camera

Sand blast and paint unit	
Quantity (device)	device name
۱	Airless
۱	sheet shot
۱	Section shots
۷	document cauldron
۴	air compressor

Transport and installation unit	
Number	device name
1	floor crane
1	ton crane ۲۰
2	ton crane ٤٠
2	FAW truck
1	Volvo FH truck
1	HOWO truck
2	meter shed ۳۰
12	meter shed ۱۵
6	meter container ۱۲
4	Diesel generator 200
3	Sliding sole
6	Trolley sole
1	axis backbreaker ٤
2	Dolly attached to the backbreaker
2	Diesel air compressor
4	Pressure meter
2	Total camera
2	Neo camera
2	Theodolite camera

Quality control unit	
Quantity (device)	device name
۲	UT ultrasonic testing machine
۱	MT magnetic yoke device
۲	Digital temperature and humidity meter with sensor
۱	Digital color meter
۱	welding gauge

Some of the main customers of Shokofa Sanat Poya Company:

Some of the projects carried out by this company:

tonnage	Contract Subject	contracting party	Row
۷۰۰۰	The structure of Jahan Fould Sirjan smelting hall	)MMTE(	۱
۳۵۰	Reformer structure	Bushehr Petrochemical Company	۲
۱۵۰۰	Construction of pipe rack structure for Sulfuric acid copper projects in Sarcheshme and Khatun Abad	Rampco Co	۳
۴۷۷۰	Sale, transport, installation of metal structure of Sirjan steel project	Fekur Sanat Tehran Company	۴
۲۵۴۰	Utility project 2 and 3	Bushehr Petrochemical Company	۵
۲۰۰۰	Butia steel CCM structure	Mana company	۶
۶۲۰	Butia EAF steel smelting hall structure	Mana company	۷
۵۳۰	Casting hall structure	Sirjan desert steel company	۸
۵۲۰	Transfer tower structure, Khatunabad copper gallery and railway	Participation of advisors - Ronin	۹
۲۰۰۰	The structure of the towers of the House of Safai in Kish	Kian Parse Vatan Company	۱۰
۱۹۰۰	Butia steel pelletizing	Mana company	۱۱
۱۱۰۰	Jahan Fould Sirjan scrap yard structure	Mining and Metals Technology Company (MMTE)	۱۲
۹۰۰	Jahan Fould Sirjan workshop structure	Mining and Metals Technology Company (MMTE)	۱۳
۳۵۰	Kaveh South Steel Roiv structure	Makran Development Company	۱۴
۲۲۰	Desalination structures of Bandar Abbas	Makran Development Company	۱۵
۱۷۰۰	Construction, transportation and installation of the workshop hall of Ferosilis factory	Pouyan Gahar Kariman	۱۶
۱۵۴۰	Khatunabad copper concentrate warehouse structure	Participation of advisors - Ronin	۱۷
۱۵۳۰	Outdoor Material Handling structure	Jahan Fould Sirjan	۱۸
۱۵۰	The structure is looser and the rolling pit money of Bradsir	Jahan Fould Sirjan	۱۹
۱۵۰۰	The structure of the municipal building in the center of Kerman	Ziba Saze Tos Gam Company	۲۰
۱۲۰۰	Construction, transportation and installation of a new hematite production hall	Gohar Rosh Co	۲۱
۱۰۰۰	Structure of steel cord factory	Barz Steel Co	۲۲
۸۶۰	Pellet Icing and Dry Return Pelletizing Butia Steel Structure	Mana company	۲۳
۷۰۰	Construction, transportation and installation of new hematite project equipment structure	Gohar Rosh Co	۲۴
۱۳۰	The structure of pelletizing ducts 2 Gol Gohar	Cason Co	۲۵
۶۴۰	Rehane school building	Kausar Mashiz Charity	۲۶
۶۶۷	Bardsir and Yazd Simorgh sheds	Simorgh factory	۲۷

۶۷۰	Construction, transportation and installation of dust processing hall	Gohar Rosh Co	۲۸
۵۵۰	Gilan water treatment plant equipment	Mirash company	۲۹
۵۰۰	Jahan Foolad warehouse structure in Sirjan	Mining and Metals Technology Company (MMTE)	۳۰
۴۵۰	Ferroalloy, workshop and scrap yard of Bardsir steel factory	Tom Iran Khodro Company	۳۱
۴۰۵	The structure of the storage tanks is Sarcheshme copper lime	Carmania molybdenum company	۳۲
۳۷۰	Sarcheshme Copper Blanding and Transfer Tower metal structures	Seba Fam Co	۳۳
۶۰	The structure of the dome of Bardsir Jame Mosque	Bardsir Grand Mosque	۳۴
۳۳۰	Sale and delivery of the Annular cooler structure of Se Chahoon	Fekur Sanat Tehran Company	۳۵
۳۰۰	Sarcheshme copper machinery warehouse	Arfa Sazan Kerman Company	۳۶
۳۰۲	Kerman drinking water treatment plant structures	Zalal Iran Co	۳۷
۳۳۳	Canopy hoods & auxiliary structure	Jahan Fould Sirjan	۳۸

۳۴۷	سازهSpark Arrestor	Jahan Fould Sirjan	۳۹
۱۸۸	Warehouse structures of Niriz cement factory	Abider Building Construction Company	۴۰
۱۵۰	Water treatment plant structures in Kerman and Darab	Zalal Iran Co	۴۱
۱۵۰	Looser structures and more rolling pits	Jahan Fould Sirjan	۴۲
۱۳۳	Construction, transportation and installation of desulfurization unit of process gas of Jahan Fould Sirjan	Paya Petrofam Co	۴۳
۱۲۵	Construction, transportation and installation of the oxygen project duct	Kavian Gahar	۴۴
۱۰۰	Sale, transportation, installation of metal structures and warehouses for the new hematite project	Gohar Rosh Sirjan Company	۴۵
۱۰۰	Structures of treatment plant and hall Ro Jahan Fould Sirjan	Absan Refining Company	۴۶
۹۰	Separator, cyclone, fan and... Kerman cement structures	Kerman Cement Industries Group	۴۷
۹۰	Dome structure and garland of Chabahar Mosque	Astronauts Company	۴۸
۵۲	The cooling tower structure of Unit 3 of Kerman Cement Factory	Kerman Cement Industries Group	۴۹
۵۵	Amund Great Cooler Band Gallery structure, unit 2	Kerman Cement Industries Group	۵۰
۵۵	The supporting structure of the electrofilter duct and chimney of the Kerman cement factory	Kerman Cement Industries Group	۵۱
۴۰	Sale and delivery of Jalalabad project hall shop structure	Fekur Sanat Tehran Company	۵۲
۳۵	Sarcheshme Copper Room Pump Structure	Technik Co	۵۳
۲۶	Water Cooled Panel structure	Jahan Fould Sirjan	۵۴
۲۵۰۰۰	Construction of metal structure of SMP structure, casting and rolling	Fekur Sanat Tehran Company	۵۵

Communication with Shokofa Sanat Poya Company

Tehran head office phone: 021-54531200
Tehran head office fax: 021-54531299
Tehran head office address: Vali Asr St., above Sai Park, Ehtsham Alley, No. 9, Unit 1
Postal code of Tehran: 1434843693
Kerman office phone: 034-32111950
Kerman office fax: 034-32111950 extension 585
Address of the factory in Kerman: between Keshavarz three roads and the railway bridge, Shkofa Sanat Puya factory
Postal code of Kerman: 7618814518
Website address: http://www.pooyangroup.com
Email address: Info@pouyan-group.com
Sales and Tenders Engineering Unit Email: Marketing@pouyan-group.com
Linkedin address: https://www.linkedin.com/in/shokoufa-sanat-pouya

Shokofa Sanat Poya Co., Ltd. training center

Shokofa Sanat Pooya company, in line with the productivity, work commitment and longevity of its welder personnel, decided to set up a unit called Jowarkargahhi, in cooperation with the professional technical organization, which, in addition to training the personnel and obtaining a professional technical degree, can provide a skilled workforce. Cultivate and use that power in the industrial group if needed.

وزارت تعاون، کار و رفاه اجتماعی

سازمان آموزش فنی و حرفه‌ای کشور ۱۲۱۸ / ۱۴۰۰
تاریخ صدور ۱۴۰۲/۰۲/ص/۱۴۰۰
شماره

پروانه فعالیت مرکز کارآموزی جوار کارگاهی

به استناد تبصره ۲ ماده ۱۱۰ قانون کار جمهوری اسلامی ایران و در اجرای آئین نامه ایجاد مراکز جوار کارگاهی و من کارگاهی مصوب شماره ۵۲۱۶۲ / ت / ۵۱۱ مورخ ۱۳۷۱/۱۱/۱۲ هیات وزیران و مصوبه کمیته آموزش در صنایع استان، بدینوسیله پروانه فعالیت مرکز کارآموزی جوار کارگاهی شرکت شکوفا صنعت پویا صادر و ثبت می گردد.

محمدرضا جهانگیری
رئیس اداره کل آموزش فنی و حرفه‌ای استان کرمان

اداره کل آموزش فنی و حرفه‌ای استان کرمان

اعتبار یک سال از تاریخ صدور

سازمان آموزش فنی و حرفه‌ای کشور

جمهوری اسلامی ایران
وزارت تعاون، کار و رفاه اجتماعی

شماره شناسایی آموزشگاه : ۳۵۸۷۰
شماره صدور : ۰۱/۲۱/۱/۱۷۹۸۹۶
تاریخ صدور : ۱۴۰۱/۰۱/۳۰
تاریخ صدور مجدد:
اعتبار پنج ساله تا تاریخ: ۱۴۰۶/۰۱/۳۰
اولین پروانه ☒ تمدید پروانه ☐
ویژه آموزش به: ⊛ خواهران ⊛برادران
مجوز تبصره ماده ۳۴ ⊛
مجوز واگذاری یا انتقال ○ تغییر مکان ○
تاریخ اولین پروانه تاسیس: از سال
حقیقی ○ حقوقی ⊛
اصلی ○ شعبه ○

پروانه تاسیس

آموزشگاه فنی و حرفه ای آزاد

به استناد ماده ۱۳ قانون کارآموزی و آیین نامه مصوب سال ۱۳۴۹ ومفاد ماده ۱۱۱ قانون کار جمهوری اسلامی ایران مصوب آبان ماه ۱۳۶۹ مجمع تشخیص مصلحت نظام و با رعایت تبصره ذیل ماده ۳ آیین نامه نحوه تشکیل و اداره آموزشگاه های فنی و حرفه‌ای آزاد مصوب سال۱۳۸۵ هیات محترم دولت ،
بدینوسیله با تقاضای موسس

حقیقی

خانم/آقای :	فرزند :	شماره ملی :
شماره شناسنامه :	تاریخ تولد :	صادره از :

حقوقی

شرکت / موسسه و ...	شکوفا صنعت پویا	با شماره ثبت :	۳۱۲۹	و تاریخ: ۱۳۷۵/۰۲/۰۹
بالاترین مقام اجرایی(مدیر عامل/رئیس هیأت مدیره) خانم/آقای :	علی	سنجری		

مبنی بر تاسیس آموزشگاه فنی و حرفه‌ای آزاد با نام : مرکز جوارکارگاهی شرکت شکوفاصنعت پویا

در رشته / رشته‌های: صنایع فلزی

در استان کرمان شهرستان کرمان شهر کرمان و نشانی مندرج در ضمیمه پیوستی موافقت می‌شود.
هرگونه افزایش یا کاهش رشته ها، تغییر محل تعطیلی یا فعالیت مجدد، استفاده از تسهیلات تبصره‌های مواد ۳۴ و ۳۵ و انتقال یا واگذاری پروانه تاسیس برابر ضوابط و مقررات با درخواست موسس و کسب موافقت وصدور مجوز دفتر موسسات کارآموزی آزاد ومشارکت های مردمی مجاز می باشد. اعتبار و تمدید این پروانه و مجوز فعالیت آموزشی که به ضمیمه این پروانه صادر شده است، منوط به استمرار شرایط صدورآن و انجام تعهدات قانونی دارنده پروانه تاسیس بارعایت مفاد آیین نامه نحوه تشکیل و اداره آموزشگاه‌های فنی وحرفه‌ای آزاد مصوب سال ۱۳۸۵ هیات محترم دولت وضوابط ومقررات سازمان امکان‌پذیر می‌باشد .
«« مجوز اجرای دوره‌های آموزشی که ضمّ پروانه تاسیس می‌باشد جزء لاینفک این پروانه می‌باشد .»»

لطفا به نکات مندرج در پشت صفحه توجه گردد.

محمد رضا جهانگیری
مدیرکل آموزش فنی و حرفه‌ای استان کرمان

A view of welding cabins with welding machine, work table and proper ventilation in the educational environment of this industrial group is shown in the figure below.

Barman Equipment Company (Kerman)

Barman Equipment Company (Kerman

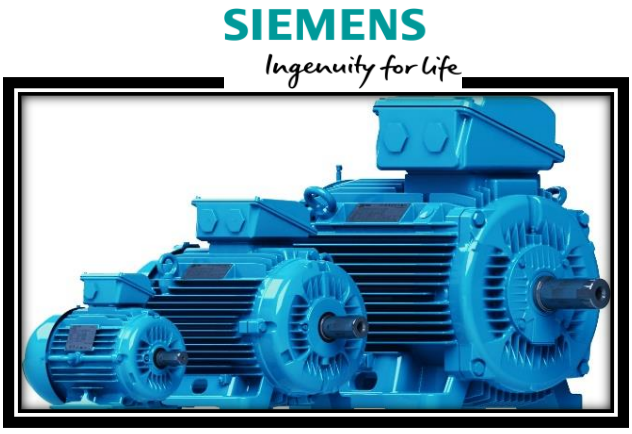
In the third decade of its activity, Shokofa Sanat Pooya Company, while using its facilities abroad, has established Barman Equipment Company (Kerman) in order to solve all the shortages in supply.

Barman Equipment Company (Kerman), with the aim of supplying equipment needed for industrial projects in the fields of industries and mines, and oil and gas, by taking advantage of the experiences of its managers and the facilities of its offices inside and outside the country, started its activity at the beginning of its activity. It started in 2018. This company is ready to provide commercial services in the field of supplying mechanical, electrical and precision instruments, purchasing machines and related parts, and providing consumables in projects and operating units.

Kerman company is always trying to communicate with more companies around the world and the success of this has made this company, in addition to supplying goods, due to its good relations with most of the world's most reputable companies, in supplying a variety of May the goods also win.

Supplying electrical goods and instruments from the most reliable brands in the world

- The activities of this company in brief regarding the supply of industrial goods and consumables are as follows •:Supply of electrical equipment including industrial automation systems, electric motor and drive...**Automation System**
- **Low Voltage**
- **Medium Voltage**
- **Drive & motor technology**



•Providing precision instruments including temperature, pressure and level control devices, flow measuring equipment, all kinds of control valves and....

- **Pressure Gauge/Transmitter**
- **Temperature Gauge/Transmitter**
- **Level Measurement**
- **Flow Measurement**
- **Gas Detector**
- **Gas Analyzer**
- **Sensors**
- **Calibration Instrument**
- **Monitoring system**
- **Control Valves**
- **Actuators**

•Supplying mechanical equipment including all kinds of bearings, gearboxes and industrial couplings, shafts, all kinds of industrial pumps and...

SKF

FAG

- **Bearing**
- **Gearbox**
- **Pump**
- **Coupling**
- **Fan**

SEW EURODRIVE

FLENDER
A Siemens Company

EBARA

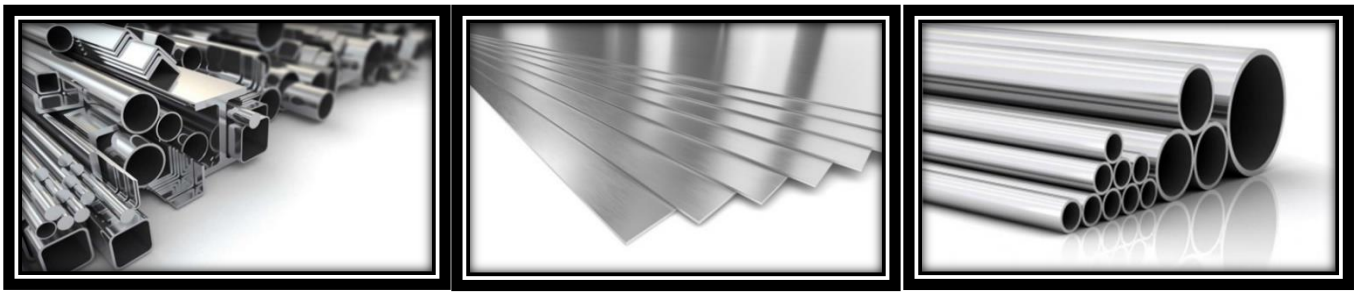
LOWARA

Moore FANS

- Supplying consumables including raw materials and additives, all kinds of lubricants and industrial filters, etc.
- **Graphite Electrode**
- **Filter**
- **Lubricant**
- **Chemicals**
- **Additive**
- **Raw Material**

•Providing all kinds of hydraulic and pneumatic equipment such as valves, hydropumps, hydromotors, etc

•Providing all kinds of stainless steel and carbon steel sheets, pipes, fittings and...



•Supply of laboratory equipment, chemicals and laboratory materials

Communication with Kala Tehzih Barman Company (Kerman)

Tehran head office phone: 021-54531400

Tehran head office fax: 021-54531400

Tehran head office address: Vali Asr St., above Sai Park, Ehtsham Alley, No. 9, Unit 8

Postal code of Tehran: 1434843689

Website address: http://www.caremanco.com

Email address: Info@caremanco.com

Linkedin address: https://www.linkedin.com/company/caremanco-co_

Pooyan Gohar Kariman Co

Ferosilis production factory

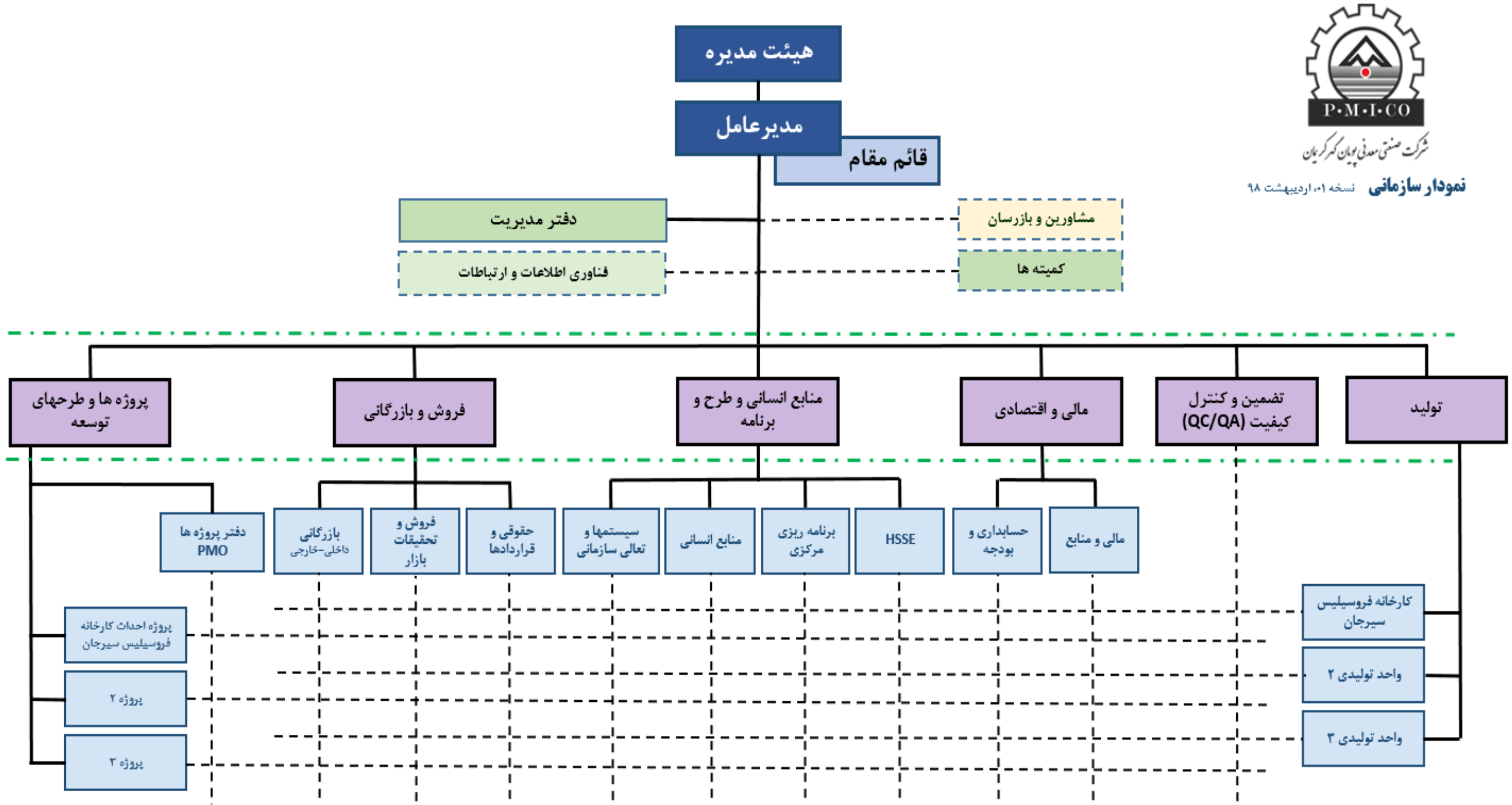
Pooyan Gohar Kariman Co

Pooyan Gohar Kariman Company was established in 2016 in order to build a ferro-silica factory in Sirjan in 2016 on a land of approximately 20 hectares in Gol Gohar industrial town located at 50 km of the Sirjan-Shiraz road and in the Gol Gohar industrial area, and it includes two ferro-silica production lines. With a purity of 75%, it has a total capacity of 25,000 tons per year.

Pooyan Gohar Kariman company has created employment for 173 people directly and more than 600 people indirectly with the construction of Ferosilis factory.

شرکت صنعتی معدنی پویان گهر کرمان

نمودار سازمانی نسخه ۰۱، اردیبهشت ۹۸

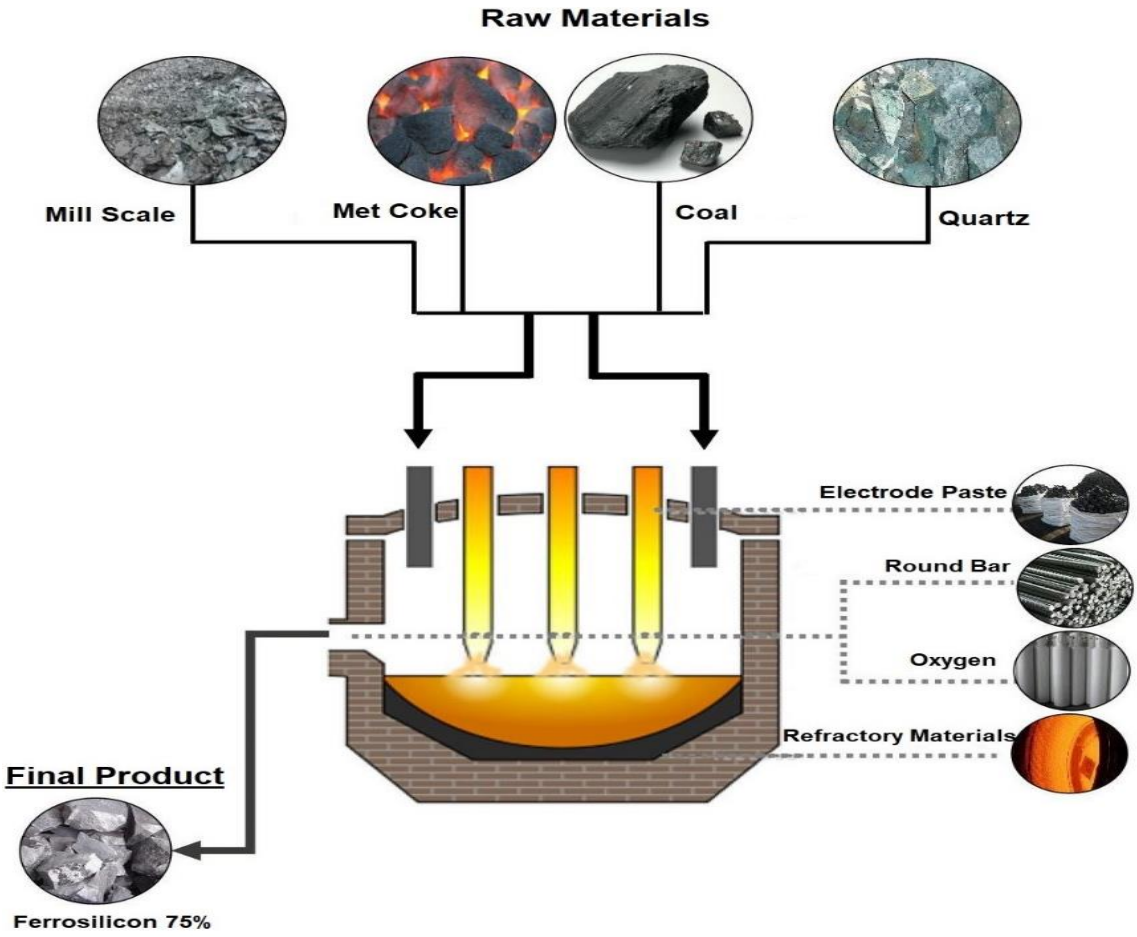


The construction of the factory will be done in two phases, each with a capacity of 12500 tons, and currently the first phase of the project is underway. Also, the production of micro silica products with an annual capacity of 4000 tons for each phase of production lines is one of the products of this company

.

199,573	**Factory land: (square meters)**	
11.824	Production and warehouses (square meters)	**The surface under the building**
3,926	Lateral (square meters)	
12,500	**Annual production capacity (in each phase): (tons)**	
25,000	Quartz: (tons)	**Annual consumption of primary items**
7,500	coke: (tons)	
7,500	Coal: (tons)	
3,500	Iron oxide shell: (tons)	
940	Electrode paste: (tons)	
129,550,000	Electricity: (kWh)	**Annual consumption of other carriers**
89,900	Water: (cubic meters)	
216,000	Gas: (cubic meters)	

In the production process of the ferrosilica factory, raw materials such as granulated silica and oxide shell along with revitalizing materials such as coal, coke and charcoal enter the melting furnace through daily warehouses and through the material transfer system. This charge is revived and melted by high current electrodes at a temperature of about 2500 degrees Celsius and during an electrometallurgical process and finally leads to the production of ferro-silica.

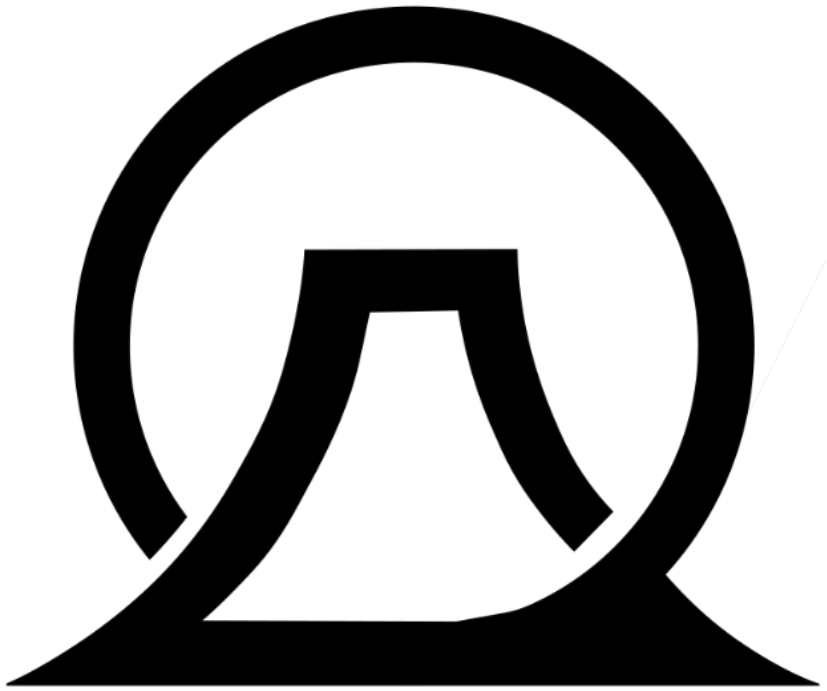


Communication with Pooyan Gohar Kariman Company

Tehran head office phone: 021-54531800
Tehran head office fax: 021-54531899
Tehran head office address: Vali Asr St., above Sai Park, Ehtsham Alley, No. 9, Unit 10
Postal code of Tehran: 1434843689
Factory address: Kerman, Sirjan, km 50 of the Sirjan-Shiraz road, Gol Gohar Industrial Zone, Pouyan Gohar Ferosilis Factory, Keriman
Website address: http://www.pouyangohar.com
Email address: Info@ pouyangohar.com

Sang Ahan Joonoob Khorasan

Black mountain iron ore mine



South Khorasan Iron and Steel Company

South Khorasan Iron and Steel Company is one of the companies of Pouyan Industrial Group, which was established in 2012, and currently, with the support of about two decades of mining experience and the benefit of experienced and efficient experts, it plays a role in the field of mining in the country. he does. This company now has the necessary capabilities in the fields of geology and exploratory studies, surface and underground mine extraction design, geotechnics and rock mechanics, mineral processing, drainage and environmental studies, and technical and economic studies in the participation and implementation of various projects. It has minerals. It should be noted that South Khorasan Iron ore Company is the owner of Siah Kouh iron ore mine located in Razavi Khorasan province - Kashmar city with a reserve of 4 million tons of magnetic iron ore.

In the following, South Khorasan Iron and Steel Company is introduced in two sections, capabilities and projects.

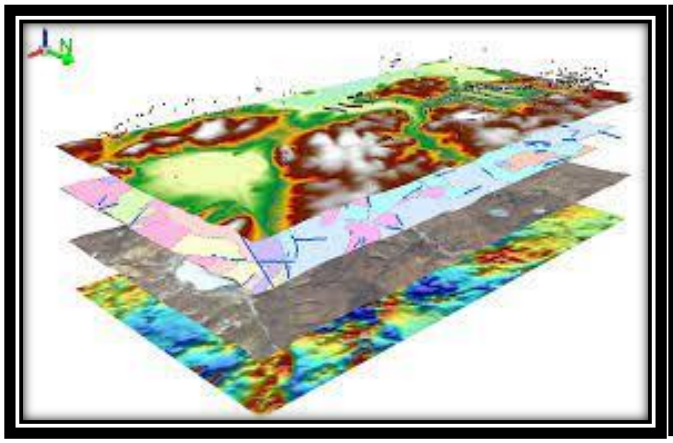
Department of Geology and Exploration Studies

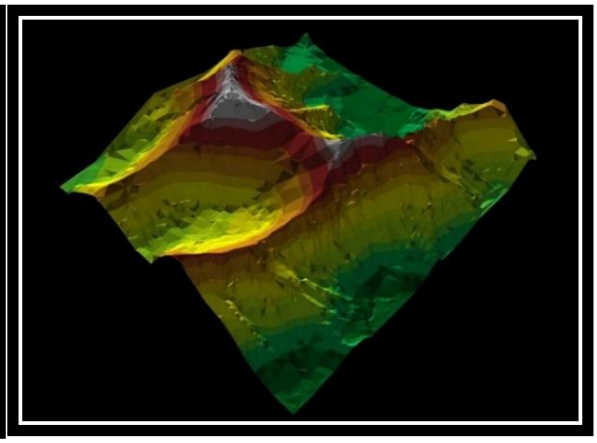
- A wide range of services are provided as follows in the geology and exploratory studies department of South Khorasan Iron and Steel Company.
- - Preparation of geological maps at different scales
- -Telemetry and GIS studies
- -Prospecting and exploration including: geochemical and geophysical exploratory studies (geoelectric, seismography, magnetometry and penetrating radar (GPR) methods), exploratory drilling and preparation of exploratory logs, preparation of hypsometric and block maps for stratified deposits, Preparation of 3D model of mineral and reserve evaluation

-Short-range mapping and photogrammetry for preparing large-scale geological maps, tectonic studies, preparing topographic maps and determining the volume of mining operations

-Hydrology and hydrogeology studies, preparation of underground water flow model, design and monitoring of pumping tests to determine the hydrodynamic parameters of underground water tables.

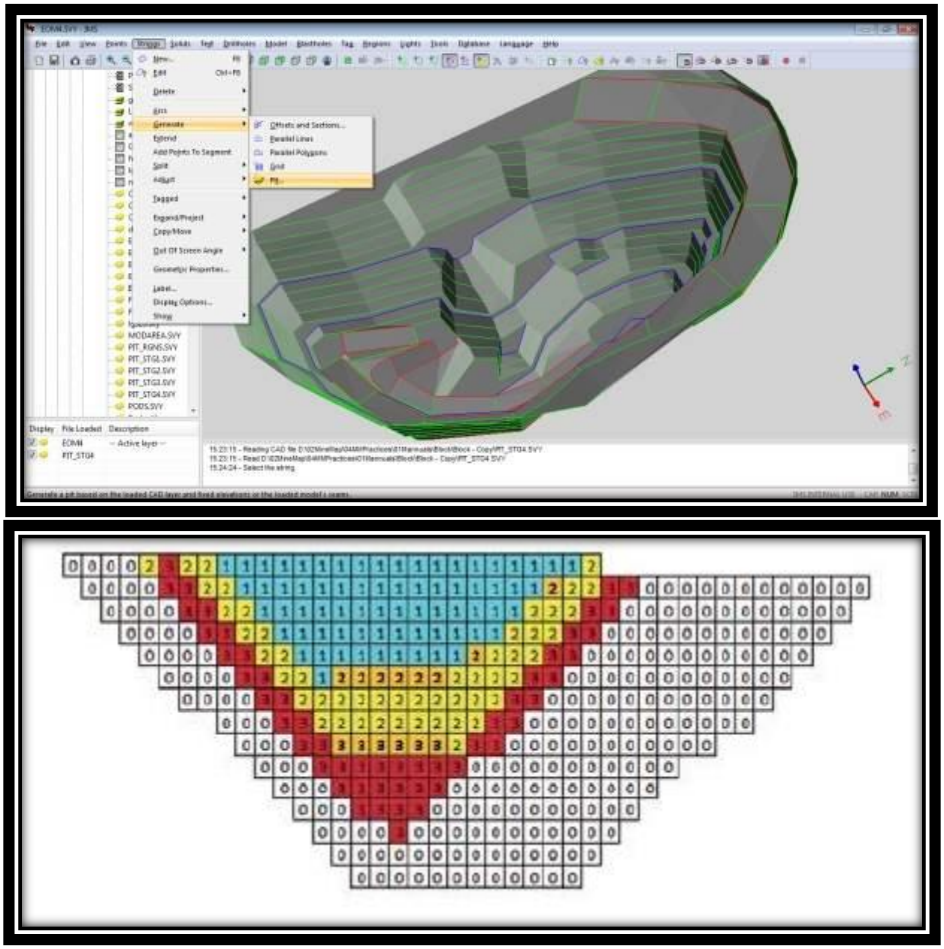
-Location of mining industries using GIS





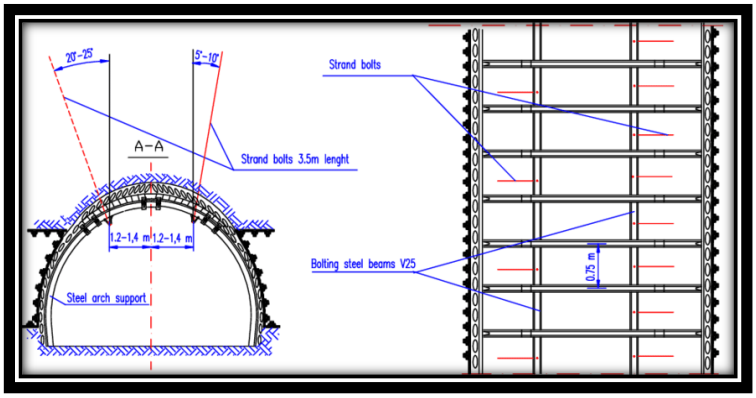
mining sector

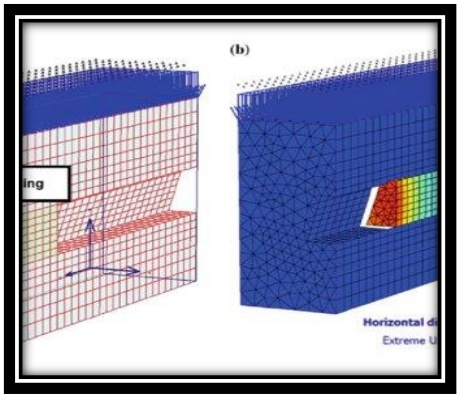
- In this department, engineering services are provided for surface and underground mines.
- In the design and production planning department in surface mines, engineering services can be provided as follows.
- - Preparation of three-dimensional block of the deposit
- - Optimum economic pit design
- - Geometric design of pit
- - Design, selection and calculation of primary crushing and material transfer equipment
- - Design, selection and calculation of mining machinery and equipment and placement of infrastructure facilities
- - Designing dump dumps and communication roads
- - Preparation of short-term and long-term extractive plans
- -Designing the optimal pattern of drilling and production and controlled blasting



In the design and planning of production in underground mines, the most important services are as follows:

- Choosing the type and location of the opener
- Choosing the extraction method
- Mining network design
- Design of ventilation networks, compressed air, electricity and lighting and water supply and flushing
- Designing the maintenance system of workshops, openers and advances
- Designing systems for loading, transporting and unloading minerals and waste materials
- Selection of drilling method for openers and advances
- Designing the optimal pattern of drilling and blasting for openers and advances
- Design and selection of mining machinery and equipment
- Platform design and facility placement
- Preparation of preparation and extraction schedules
- Preparing the mine construction schedule and determining the critical path of the construction route





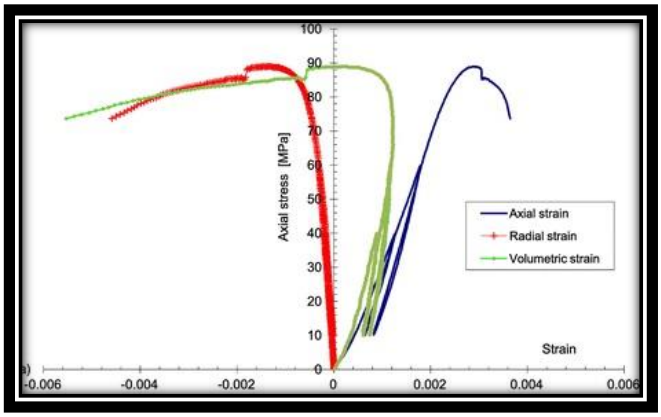
Department of Geotechnics and Rock Mechanics

- In this section, a wide range of services related to surface and underground structures are provided as follows.

- Geological engineering studies
- Rock mass engineering classification and determination of behavioral models
- Analysis and design of slope stability (soil and rock slopes, landslides)
- Choosing a factory
- Analysis and design of tailings dams
- Analysis and design of underground spaces (underground mines, access tunnels, roads, railways and subways, storage caves)
- Analysis and design of laundry structures
- Laboratory and field tests of soil and rock
- Geotechnical instrumentation and monitoring

- Drainage and control of underground water in open mines and underground spaces

-- Management of geomechanical studies using geophysical methods



Department of mineral processing and hydrometallurgy

-The following services are provided in the mineral processing and hydrometallurgy sector.

- Feasibility studies, design and implementation of experiments
- Technical and economic studies from mining to factory
- Designing a complete line of stone crusher (refining)
- Processing plant design
- Feasibility and design of various leaching methods and hydrometallurgical plant

-Factory troubleshooting

Environment Department

Using the latest achievements and in accordance with national and international standards, the environmental studies department has the ability to provide the services needed in the mining and mining industries. The following are among the most important of these services.

-Initial Environmental Assessment (IEE),

-Environmental Impact Assessment (EIA)

-Providing a solution to reduce or eliminate the risk caused by environmental hazards

-Estimating the costs of environmental studies

Department of technical and economic studies

Using the latest software facilities, this department is ready to provide the following services.

-Estimation of investment and current costs and cash flow of the project

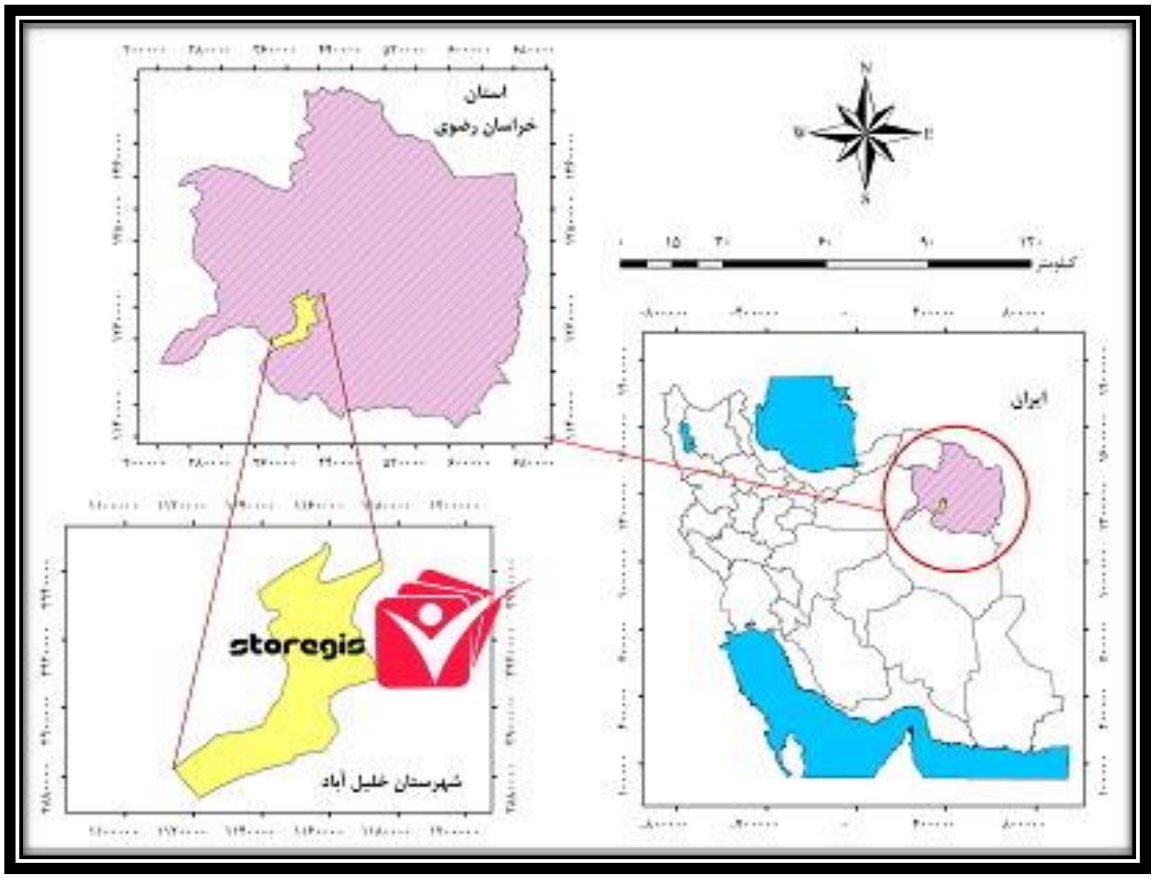
-Review and economic analysis of a project

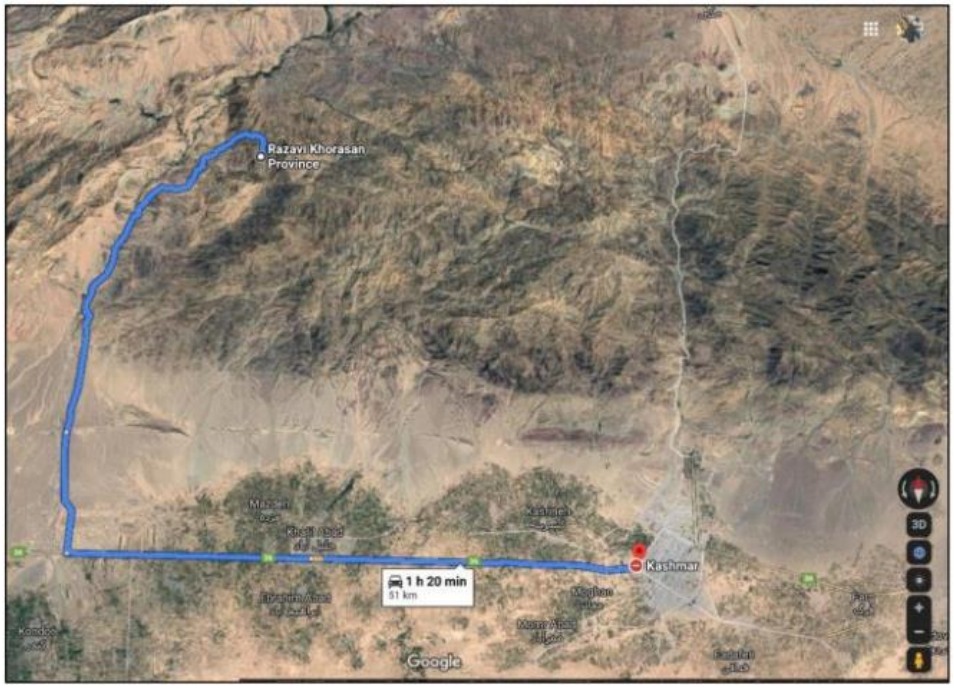
-Decision making in uncertain and risky situations

-sensitivity analysis
-Analysis of replacement of a production line or machines

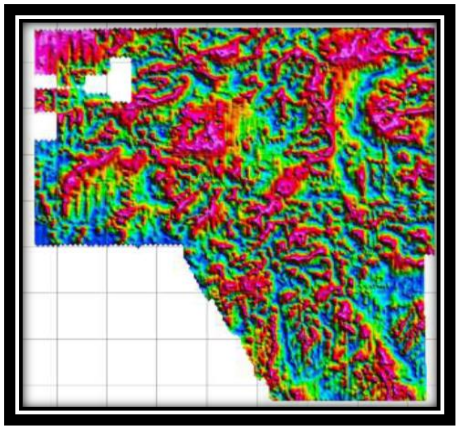
Exploitation of Siah Kouh iron ore mine

Siah Kouh iron ore mine is located in Razavi Khorasan province - Khalil Abad city and is owned by South Khorasan iron ore company. Geographically, Khalil Abad city is located 240 kilometers southwest of Mashhad. This city leads from North to Red Mountain and from South to Bejestan, from East to Kashmir and from West to Bardskan. In the following figures, the location of Khalil Abad city on the map of Iran and the location of the mine in relation to Khalil Abad city can be seen.





The reserve of Siah Kouh mine is of magnetite type of iron ore and its reserve is about 4 million tons with a grade of 52%. Exploratory and geophysical studies have been carried out in several phases in the past years, and recently, geophysical studies have been carried out using drones in this mine.



Also, additional exploration studies are currently being carried out with the implementation of exploratory coring operations of about 15,000 meters.

Siah Kouh iron ore mine is currently in open pit operation by South Khorasan Iron and Steel Company and it is expected that the annual capacity of its mining operations (sum of tailings removal and iron ore production) in the coming year will be more than 3 reach million tons.

This mine includes two complete stone crusher lines for the purpose of granulation and enrichment of mineral material, one of which is fully operational and the other line is under construction.

Iron powder factory project

The basis of industrial development and the future of investment in Razavi Khorasan province is the development of mining industries, especially successful processing and mining based on the province's metal mines. So far, iron ore extraction in the province has been based on magnetite iron ore, while hematite is a type of iron ore that is available in most parts of Razavi Khorasan province and its mines. In addition, the extraction of magnetite iron ore in the province has caused the accumulation of hematite iron ore tailings.
The construction of an iron powder production plant is an innovative and new plan that, in addition to using the high capacity of hematite iron ore mines in Razavi Khorasan province and creating higher added value, it has the ability to use the tailings of magnetite mines that cause numerous environmental problems. and according to the processing capacity of 20 million tons in Khorasan-Razavi province, it will provide the processed iron ore needed by Jat factories.
South Khorasan Iron and Steel Company, after carrying out the necessary investigations, passed a study plan and consulted with experts in this field regarding the processing of hematite iron ore, and also with the aim of promoting business and creating new job opportunities for local forces and preventing Due to the heavy consequences of unemployment in the society, with the necessary follow-ups, he succeeded in obtaining the necessary permits for the establishment of an iron powder factory (granulated hematite iron ore processing up to 99.9% grade) with a capacity of 25,000 tons per year from 300,000 tons of ore. ironed
The construction site of the iron powder production plant is located in Khalil Abad city, Khorasan Razavi province, in the vicinity of the crushing and granulation site No. 2 of Siah Kouh iron ore mine.

Iron powder factory project

The basis of industrial development and the future of investment in Razavi Khorasan province is the development of mining industries, especially successful processing and mining based on the province's metal mines. So far, iron ore extraction in the province has been based on magnetite iron ore, while hematite is a type of iron ore that is available in most parts of Razavi Khorasan province and its mines. In addition, the extraction of magnetite iron ore in the province has caused the accumulation of hematite iron ore tailings.
The construction of an iron powder production plant is an innovative and new plan that, in addition to using the high capacity of hematite iron ore mines in Razavi Khorasan province and creating higher added value, it has the ability to use the tailings of magnetite mines that cause numerous environmental problems. and according to the processing capacity of 20 million tons in Khorasan-Razavi province, it will provide the processed iron ore needed by Jat factories.
South Khorasan Iron and Steel Company, after carrying out the necessary investigations, passed a study plan and consulted with experts in this field regarding the processing of hematite iron ore, and also with the aim of promoting business and creating new job opportunities for local forces and preventing Due to the heavy consequences of unemployment in the society, with the necessary follow-ups, he succeeded in obtaining the necessary permits for the establishment of an iron powder factory (granulated hematite iron ore processing up to 99.9% grade) with a capacity of 25,000 tons per year from 300,000 tons of ore. ironed
The construction site of the iron powder production plant is located in Khalil Abad city, Khorasan Razavi province, in the vicinity of the crushing and granulation site No. 2 of Siah Kouh iron ore mine.

Communication with South Khorasan Iron and Steel Company

Head office: Kerman, Tehran Road, after Saadat Abad, corner of Imam Reza (AS) ring road
Phone: 034-31286772
Postal code: 7618941712
Mining office: Khorasan Razavi, Khalilabad city, Irajabad village, iron ore mining site
Phone: 051-57754900
Postal code: 9679113118

Daya Pooyan Mining Company

The general structure of the activity:

Daya Madan Pouyan Technical and Engineering Company conducts its activities in the fields of consulting and implementation and contracting in the field of exploration, mining, processing, mining and infrastructure industries, conducting commercial and non-commercial operations, buying and selling projects, and exporting and importing all kinds of minerals. , smelting, refining, with the use of technical and experienced specialists and engineers. This company, by attending scientific meetings and having a close relationship with experts and continuously holding scientific and technical meetings and inviting professors and experts, always puts the category of training and optimization and development and improvement of the scientific and technical level of the operational and specialized teams of the company at the top of its activities. Has set.

Technical and operational capabilities:

- Registering the mining area, conducting prospecting, exploration and extraction operations in mines inside and outside the country
- Design and construction of factories and processing lines of all types of mineral and industrial materials and all activities related to mineral industries
- Designing, supplying and producing all derivatives of minerals by concentration, settling, melting, refining
- Purchase, sale, distribution, import and export of all permitted goods within the scope of the company's activities, as well as clearance of goods from domestic and international customs.
- Carrying out any manufacturing, trading and commercial activities, as well as import and export and clearance from domestic and foreign customs.
- -Purchase of factories and shares of companies

-The use of various types of drilling machines according to different geological and topographical conditions and the needs of the country's projects

-Acceptance and full implementation of mining operations in large mines of the country

-Conducting geophysical studies by magnetometry and IP&RS method

-Evaluation and potential finding of metallic and non-metallic deposits

-Carrying out excavation-exploratory operations

-Logging and sampling of samples from drilling-exploratory operations

-Determining the reserve and evaluating the mineral using mineral software

-Use of various types of extractive drilling devices according to different geological conditions

-Design and full implementation of tailings removal and extraction operations in various mines

-Implementation of optimal drilling and mining operations in the shortest time

lunched project:

-Performing geological, exploratory and mining operations in Tanguyeh copper mine

-Carrying out geological operations, exploration and extraction in Rhine industrial soil mine

-Carrying out the purchase of minerals from Rezvan iron mine

-Performing iron ore processing operations in the factory

Communication with Daya Mine Pouyan Technical and Engineering Company

Phone: 034-31286772

Address of the head office: Kerman, Ferdowsi St., 4 Ferdowsi Alley, No. 1, 2nd floor

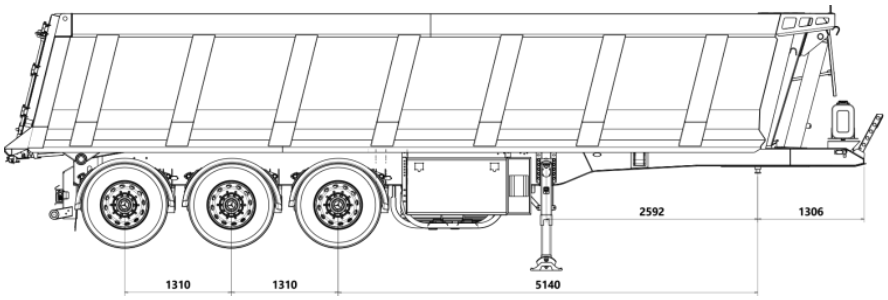
Postal code: 7613655898

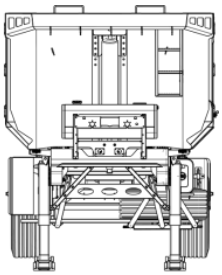
Shokofa Sanat Poya Automobile Manufacturers Company

خودروسازان
شکوفا صنعت پویا

Booming automobile manufacturers of dynamic industry:

Due to the potential and capacities available in the field of transportation in the south of the country, especially in Kerman province, and in response to the needs of our dear fellow citizens for road use, especially dump trailers, Shokofa Sansat Pooya Automobile Manufacturers Company on 05/01/2019 in the Companies Registration Office of Kerman Province With the aim of having a prominent presence in the field of air, sea, rail and road transportation, it registered and started its activity within the framework of the approved statute and was able to receive the relevant permits and start production in a short period of time.
Relying on the technical and local knowledge, he put the production of dump trailers beyond international standards on the agenda and was able to market his first product with the following technical specifications in April 1400
The chassis is made of high-strength st52 steel and launched in the market in the form of a fabric and with greater thickness Due to the modern facilities and equipment of the industrial group, the chassis of this product was produced and introduced to the market as a single piece





Despite the sanctions, it was tried to cooperate with large companies that produce parts and accessories for these uses, even as an intermediary, so that the desired quality can be achieved without loss and to the satisfaction of the customer.
In this regard, good cooperation with up-to-date brands such as Konnor, Wabco (Germany) in the field of production of brake systems and Aspok (Austria) producing all kinds of lighting systems, Hidromas (Turkey) for hydraulic jacks and FOX for axles. as well as other global brands such as JOST, SAF, BPW, OMS.... ,

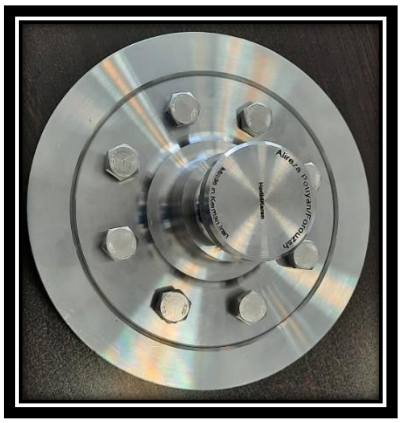
KNORR-BREMSE

WABCO

ASPÖCK SYSTEMS

So, the successful production of the product started with the decision of the respected board of directors to reduce dependence on foreign companies for the production of standard parts.

Trailer bumper sheath and EPDM rubber



King Pin

In the same direction and during production, permits are being taken to obtain license plates for trailers.

جمهوری اسلامی ایران
وزارت صنعت، معدن و تجارت

شماره: 21806
تاریخ: 14-04-1400
شناسه کسب و کار: 26283493936
تاریخ بهره برداری: 13-04-1400

پروانه بهره برداری

محصولات اصلی	ظرفیت سالانه	واحد	شماره شناسائی کالا
6- تریلر کمپرسی سه محور	150	دستگاه	3420512315
7- تریلر کفی سه محور	50	دستگاه	3420512328

تعداد محصولات مندرج در این پروانه بهره برداری 7 قلم می باشد.

مهدی حسینی نژاد
رییس سازمان صنعت، معدن و تجارت استان کرمان

وزارت صنعت، معدن و تجارت

جمهوری اسلامی ایران
وزارت صنعت، معدن و تجارت

شماره: 21806
تاریخ: 14-04-1400
شناسه کسب و کار: 26283493936
تاریخ بهره برداری: 13-04-1400

پروانه بهره برداری

شرکت **پارس فیدار کارمانیا (سهامی خاص)** ثبت شده به شماره 16885 مورخ 1399/05/01 با شناسه ملی 14009311216 در اداره ثبت شرکت ها و مؤسسات غیرتجاری به نشانی: **استان: کرمان، شهرستان: کرمان شهر کرمان ، بلوار آیت الله هاشمی رفسنجانی نرسیده به کارخانه سیمان ابتدای کمربندی امام رضا(در محل استیجاری) کدپستی** 7618940005

با توجه به راه اندازی و دستیابی آن واحد به انجام عملیات تولید انبوه، این پروانه جهت تولید محصولات زیر و به منظور استفاده از مزایای قانونی آن اعطاء می گردد.(برای سه شیفت)

محصولات اصلی	ظرفیت سالانه	واحد	شماره شناسائی کالا
1- انواع اسکلت فولادی ساختمانی	3000	تن	2811512304
2- اسکلت فولادی سوله	5000	تن	2811512312
3- اسکلت فلزی تجهیزات صنایع به جز نفت، گاز و پتروشیمی	1000	تن	2811512389
4- شکل دهی ورق	2000	تن	2891412337
5- عملیات برش کاری ورق فلزات	3000	تن	2891412344

بقیه محصولات به پیوست می باشد.

این پروانه تا پایان مدت اجاره نامه دارای اعتبار می باشد.

مهدی حسینی نژاد
رییس سازمان صنعت، معدن و تجارت استان کرمان

•این پروانه با توجه به توضیحات پشت صفحه دارای اعتبار است.

SAE INTERNATIONAL

Registration authority for ISO 3780

The Society of Automotive Engineers has been appointed by ISO to act as registration authority for the implementation of International Standard ISO 3780.

August 9, 2021

Dr Mohammad Saberi
ISIRI - Head Office
Inst of Standards & Ind Research of IRAN
PO Box 14155-6139
Tehran
Iran

Dear Dr Mohammad Saberi,

In response to your request, we are confirming the following World Manufacturer Identifier (WMI) Code(s).

WMI Code	**NE9**	Positions 1, 2 & 3 of VIN
WMI Extension	**126**	Positions 12th, 13th & 14th of VIN
Manufacturer	Pars Fidar Karmania Imam Reza Western Side Road 14km of Shahid Sadoughi Blvd Kerman	
Country	Iran	
Vehicle Type	Trailers	
Make/Model	_____	

Thank you.

Sincerely,

Kris Siddall
CSR / WMI Coordinator

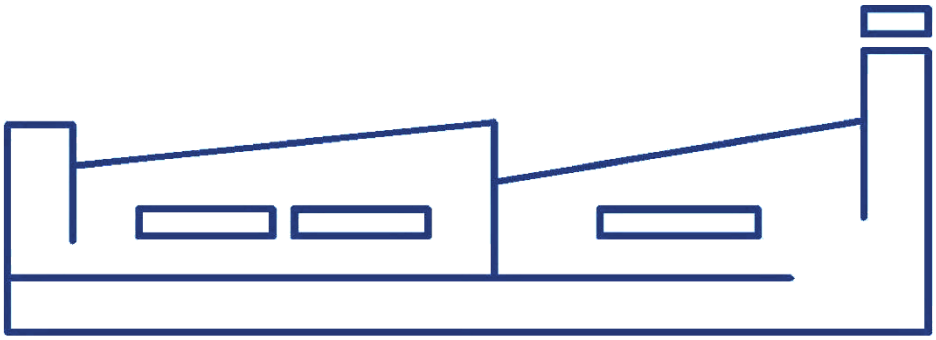
400 Commonwealth Drive
Warrendale, PA 15096

o +1.724.772.8511
f +1.724.776.0243

Communication with Shokofa Sanat Poya automobile manufacturers

Head office: Kerman, Tehran Road, after Saadat Abad, corner of Imam Reza (AS) ring road
Phone: 034-31286790
Postal code: 7618941712

Know How Consulting Engineers Compan



مهندسین مشاور صنعتی نوها

About Know How company

Know How Industrial Consulting Engineers was established in November 1360 and was registered in Tehran Companies and Industrial Property Registration Office under No. 42943 dated 09/11/1360.

The subject of the company is to supply and perform consulting and technical services in all stages of identification, studies, design and implementation, such as feasibility studies, design and supervision, technical inspection, technical and economic justification of projects, environment, geotechnics, geomechanics. , mapping, preparation of maps and documents and execution specifications of projects, supervision of the good performance of work, provision of consulting services related to the operation and maintenance period, performing and implementing all necessary engineering, commercial and management services in connection with engineering services. and implementation of construction projects, mining and industrial up to the stage of their exploitation, as well as carrying out project exploitation services and participation in auctions and tenders of all organizations, both private and public, partnership with natural and legal persons with the priority of the company Bankable preliminary and final feasibility studies, provision of basic and detailed design and engineering services and provision of commissioning and operation services for mining and industrial complexes, implementation of industrial and construction projects using EP, EPC and EPCM methods. and EMC, obtaining loans and bank facilities and bank guarantees from all banks and financial and credit institutions , participation in investing projects and buying shares for the company, providing engineering services in specialized fields such as geology and mining and ore processing and non-metallic mineral and geotechnical and civil industries, buying and selling, exporting and importing all permitted commercial goods, concluding contracts with all natural and legal entities, obtaining and granting representation of domestic and foreign companies and foreign partnerships, participating in all public and private tenders with domestic and foreign companies, Participating in all government and private auctions, buying and selling buildings and movable and immovable property, performing contracting and technical and engineering services, monitoring and consulting, providing technical knowledge from inside or outside to realize the purpose of the company and performing other activities Commercial activities related to the mentioned topics and generally carrying out other activities in accordance with the company's goals in compliance with all legal regulations and standards.

Know How Industrial Consulting Engineers is a member of the Iranian Consulting Engineers Society and also according to the UNIDO report, this company has been declared among the qualified international consultants ..

In addition, the qualification obtained from the program and budget organization from the date of establishment of the company until now is as follows:

No. 5600/55-108820 (dated 7/8/1363) and No. 8181/55-12440-1 dated(١٣٦٤/١١/٦)

No. 8899/55-13560-1 (dated 10/12/1365) and No. 268/55-586-1 (dated 20/1/1368)

He was recognized as qualified in the field of power industries, and then based on the following criteria and classifications of the Management and Planning Organization, in Circular No. 2255-50/939-102 dated 3/17/74 of that organization, Know How industrial consultant engineers in the field of industries Mehli Consultor was recognized as qualified with rank 3 and grade 1. The qualification of these consulting engineers in the field of structures and administrative and industrial buildings was also confirmed in the same circular.

On 3/4/1383, the honorable Council of Ministers approved a new regulation to determine the competence of consultants. This regulation was announced by the President's Circular No. 20637/T28437H dated 23/4/1383, and these consulting engineers managed to Qualified in the following specialties:

-Residential, office, commercial, industrial and military buildings

-Electrical and mechanical installations

-Water and sewage facilities

-Structure

-Basic metal industries (smelting, rolling, casting) and machine building

The current qualification of these consulting engineers is based on letter No. 471013 dated 09/04/2013 of the Program and Budget Organization in the following fields and bases:

-The basis of a specialty of residential, office, commercial, industrial and military buildings

-The basis of a structural specialization

-Basic three specialties of basic metal industries (smelting, rolling, casting) and machine building

In addition, according to Circular No. 243340/1401 dated 05/22/1401 of the Program and Budget Organization, the qualification request of these consultant engineers in the specializations of ore dressing, material processing and water and sewage facilities is under review by the organization's qualification recognition unit.

شماره: ۴۷۱۰۱۳
تاریخ: ۱۳۹۷/۰۹/۰۴
پیوست:

ریاست جمهوری
سازمان برنامه و بودجه کشور

گواهینامه صلاحیت خدمات مشاوره

جناب آقای حمید خان افشار

مدیرعامل محترم شرکت مهندسین مشاور صنعتی نوها

شماره ثبت : ٤٢٩٤٣

شناسه ملی ۱۰۱۰۰۸۸۳۰۸۲

با استناد به مصوبه شماره ۲۰۶۳۷/ت۲۸۴۳۷هـ مورخ ۱۳۸۳/۴/۲۳ هیأت محترم وزیران و با توجه به احراز شرایط لازم و تایید صلاحیت آن شرکت در سامانه جامع تشخیص صلاحیت عوامل نظام فنی اجرایی، به این وسیله صلاحیت آن شرکت برای انجام خدمات مشاوره به شـــــرح زیر اعلام می گردد.

پایه ۱	تخصص سازه	با تعداد ۶ کار مجاز
پایه ۳	تخصص صنایع فلزات اساسی (نورد، ذوب و ریختگری) و ماشین سازی	با تعداد ۴ کار مجاز
پایه ۱	تخصص ساختمانهای مسکونی، تجاری، اداری، صنعتی و نظامی	با تعداد ۶ کار مجاز

رعایت مفاد قانون برگزاری مناقصات به شماره ۱۳۰۸۹۰ مورخ ۱۳۸۷/۱۱/۱۷ آیین نامه های اجرایی مربوطه و ظرفیت کاری مجاز در زمان ارجـاع کار توسط آن شرکت ضروری است.

سیدجواد قانع فر

رییس امور نظام فنی و اجرایی

این گواهینامه از تاریخ صدور تا پایان دوره ارزشیابی و حداکثر تا تاریخ ۱٤۰۱/۰۸/۲۲ معتبر می باشد.

- هرگونه تغییر در ارکان و سهام شرکت و اطلاعات امتیازآوران (مدیرعامل، هیأت مدیره و کارکنان امتیازآور)، باید حداکثر ظرف سه ماه در سامانه ساجات **(http://sajat.mporg.ir)** ثبت شود.
- هر قرارداد جدید حداکثر ظرف سه ماه پس از انعقاد قرارداد و صورت وضعیت های جدید پس از تأیید کارفرما باید در سامانه سـاجات ثبت شود، تا امتیاز آنها هنگام تشخیص صلاحیت دوره بعد و آزادسازی ظرفیت منظور شود.

در صورت مغایرت مطالب این گواهینامه با اطلاعات موجود در پایگاه http://sajar.mporg.ir، اطلاعات پایگاه اصالت دارد.

به مندرجات پشت صفحه گواهینامه توجه فرمایید.

Scope of services

The services provided by Noha Industrial Consulting Engineers include a wide range of services required for the design and implementation of construction, industrial, mining, water and sewage projects and infrastructure facilities. The heads of these services are as follows:

-۱Technical and economic studies and reviews (feasibility)

These investigations begin with information about the employer's initial thoughts about the project in question and continue with market studies, investigation of the production process, determination of required equipment and machinery, determination of production, support, ancillary and service buildings. Then the initial investment costs, working capital, cost price and other economic parameters are calculated and announced to the employer.

-۲Location

Taking into account technical, economic, social considerations as well as the employer's opinions, several suitable locations for establishing the desired project in the country, province or region will be determined and announced to the employer.

-۳Planning for the implementation of projects

According to the goals, limitations and possibilities of the employer, different methods of project implementation are examined and the most suitable method is suggested, so that based on that, it is possible to carry out various stages of engineering studies and select competent contractors and implement the project. he did.

-۴Basic engineering studies (first stage engineering services)

These studies are provided based on the service description developed by the program and budget organization for preliminary engineering studies (first stage engineering studies), which include:

- **۴/۱Initial identification and review:**

- Negotiating and exchanging opinions with the employer and obtaining information about the current and future requirements of the project
- Local visits and identification of the location of the land, natural features, facilities of the area in terms of infrastructure facilities, etc
- Investigating the state of the earth including geology, earthquakes and the state of faults, soil mechanics, underground water, etc. and proposing the necessary tests (if needed) and deciding how to proceed

- Checking the rules and regulations, specifying the regulations and standards, checking different materials, checking the suitable structure of the project, checking the installation systems and equipment needed for the project.
- Comparison of options from a technical and economic point of view and choosing the best option according to the studies conducted in the fields of architecture, structures and facilities
-Designing the overall appearance of the project and preparing schematic drawings
-Compilation of study reports with conclusions and schedule for the next stage

-۴/۲Preparation of the preliminary plan:

-Supplementary studies including visiting and re-examining the effective factors in architecture, structures, facilities, if needed, and determining the number and type of tests and mapping
-Architecture and structure studies and design
-Studies and design of mechanical installations and electrical installations
-Preparation of preliminary maps (phase one)
-Approximate cost estimation and preparation of first stage engineering studies report
The basic engineering studies that were described in industrial and mining projects should be done based on the information obtained from the basic engineering studies of technology and production process and production line equipment.

-۴/۳Detailed engineering studies and preparation of executive plan (second stage engineering services)

-These studies are carried out based on the approved documents and report of basic engineering studies and service description compiled by the country's management and planning organization for second stage engineering studies and include the following:
- Examining the results of soil mechanical tests, maps, etc
- Carrying out technical calculations and preparing executive plans for architecture, structures, mechanical installations, electrical installations and landscaping
- Preparation of public and private technical specifications (if needed)
- Preparation of the cost estimate of the implementation of the operation based on the latest price index of the management and planning organization in compliance with the relevant instructions
-Preparation of work schedule
-Preparation of second-stage engineering study reports, which are presented in the form of contract documents and tender documents, and include the contract form, general terms of the contract, private terms of the contract (if needed), technical specifications, list of quantities and prices, general schedule of work implementation, Executive plans and invitation to participate in the tender are according to the approved samples
In industrial and mining projects, detailed engineering studies should also be carried out based on the information obtained from technology engineering studies and the specifications and requirements of equipment and the process of production lines.

-۴/۴Cooperation with the employer to carry out engineering studies in the field of production process, technology and selection of production lines and vendors and manufacturers and machines

Relying on their experiences in dozens of large and small industrial projects, which are described in the following sections of this introduction letter, these consulting engineers are ready to conduct basic engineering studies and detailed technology engineering studies, determine the production process and select production lines. Cooperate with vendors and manufacturers of equipment and machinery, prepare contracts, contract negotiations, etc. according to the needs and demands of the employer.

-۴/۵ Performing engineering services during the work implementation stage (engineering services of the third stage)

- These services are provided according to the regulations of the program and budget organization of the country, and its outlines are as follows:
- Cooperating with the employer in holding tenders, including preparing tender documents and invitations, preparing a list of competent contractors and builders to invite to tenders, checking the qualifications of contractors and builders volunteering to participate in the tender, answering the questions of the participants in the tender, requesting the extension of the tender period. If necessary, participate in the commission
- -Bidding and cooperation with members of the tender commission, technical and economic evaluation of received proposals and preparation of reports required by the employer in this regard, completing the contract of the winning bidder and taking the necessary measures to notify the contractor of the contract by the employer
- -High supervision and workshop supervision including review of detailed time plans proposed by the contractor, delivery of land to the contractor, review and approval of materials and equipment provided by the contractor, review and approval of workshop plans, continuous monitoring of how the work is carried out according to the plans and technical specifications, preparing and communicating the necessary agendas, preparing monthly work progress reports, conducting the necessary correspondence with the contractor, commenting on the new prices and proposing fair prices to the employer, handling the contractor's claims, handling the contractor's status reports, Performing temporary delivery and final delivery procedures, helping and collaborating with the employer to agree and resolve contractor claims and possible disputes, approval of as-built plans, issuing final delivery certificates and completing works.

-۴/۶Contracting and supplying machines and equipment

Recently, this company has expanded its services by providing suitable facilities, manpower and machinery, and has provided services from the engineering and execution stage to the start-up and operation of mining, industrial and construction complexes as EP, EPC, EPCM and EMC have taken action.

Implemented and ongoing projects

-In 1360, the founding staff of the company, who had extensive previous experience in consulting and executive work, started their specialized and independent activity and increased their business step by step. The services of these consulting engineers have been provided in various fields for more than 40 years, the general headings of which can be summarized in the following list:

-Technical and economic justification studies

-Basic and detailed engineering studies in the fields of structure, civil engineering, mechanical and electrical installations, precision instruments and control systems, water distribution networks, sewage collection networks and water and sewage treatment plants.

-Bidding and selection of contractors, workshop supervision and high supervision of project implementation operations

-Supervising the construction, installation and commissioning of internally manufactured equipment and machinery and ordering foreign machinery

-Identification of half-finished projects and investigation of problems, recognition of shortcomings, technical and economic planning and preparation of necessary plans for completing and launching projects.

-Technical supervision of the group
-Installing employers and setting up factories
The tables on the next pages contain general information regarding the projects that these consulting engineers have collaborated in and provided the required engineering services.

Work experience related to administrative, industrial buildings and electrical and mechanical installations

Brief description of services provided	Service stage	Project location	the employer	Project
Studies in the field of identification and preparation of technical documents for repair shops, assembly parts, engine test, hydraulic test, wave interference, etc. for heavy vehicles.	It has been completed	Durood	Defense Industries Organization	Identification and review of drawings and technical documents of Durood category 5 repair shop
Engineering services for stages 2, 1 and 3, industrial, facilities, electrical and construction projects of Durood repair shop for the construction of a heavy vehicle basic repair center.	It has been completed	Durood	Defense Industries Organization	Category 5 Durood repair shop)Underground level ۱۰,۰۰۰square meters(
Identification of infrastructure facilities, preparation of documents and tender documents for the installation and electrical operations of the main and subsidiary engine houses of the factory, performing engineering services for the first and second stages of the infrastructure facilities.	It has been completed	Esfahan	Defense Industries Organization	Haft Tir complex
Engineering services for the first, second and third stages of the construction of the pulp and paper factory	It has been completed	Kermanshah	National Industries Organization	Gharb paper factory)Underground level ۲۵,۰۰۰square meters(
Engineering services of the first, second and third stages of supervising the implementation of administrative buildings, guesthouses, canteens, health care, security, and the complex's indoor sports hall.	It has been completed	Yazd	Ministry of Mines and Metals	Service, administrative and support buildings of Yazd alloy steel project (basement level ٤٥,۰۰۰square meters(
Examining the factory's electrical system and determining methods for optimizing consumption and reducing electricity costs	It has been completed	Gilan	Chuka	Optimizing the power system of Chuka factory
Engineering studies of stages 1, 2, 3 of industrial halls and administrative, service and side buildings	It has been completed	Karaj	Maadikaran company	Precision casting factory (floor area 12000 square meters)
Engineering services of the first, second and third stages and workshop supervision for the construction of a factory for the production of raw sugar from sugarcane with a capacity of 100 thousand tons per year.	It has been completed	Khuzestan	Sugarcane developmen t company	Shuabieh Sugar Factory

Work experience related to the specialization of office, industrial buildings and electrical and spatial installations

Brief description of services provided	Service stage	Project location	the employer	Project
(second stage engineering studies) 33 KV transmission line to Cham Nizami, design of civil operations, structure, electricity, control and precision instruments of the treatment plant, design of water extraction pumps from Maron and pumps for transporting purified water to different places	It has been completed	Khuzestan	Iranian National Oil Company	Supplying the required electricity for Maron water treatment plant, Cham Nizami and designing various operations of pumping systems
Engineering services for stages 2, 1 and 3 and workshop supervision on the construction and commissioning of loading and unloading equipment for the raw sugar warehouse of Shoabieh Sugar Factory.	It has been completed	Khuzestan	Faleq Sanat Co	Design of sugar accumulation and harvesting system of Shuaibih sugar factory
Engineering studies from preliminary design stage to detailed design and high and workshop supervision of all administrative and support buildings	It has been completed	Khuzestan	Sugarcane Development and Side Industries Company	Administrative and support buildings of Amirkabir and Mirzakochek Khan industrial sites
First and second stage engineering studies and high and workshop supervision	It has been completed	Khuzestan	Faleq Sanat Co	Amir Kabir Industrial Site
First and second stage engineering studies and high and workshop supervision	It has been completed	Khuzestan	Faleq Sanat Co	Mirzakochek Khan industrial site
Engineering studies of the first and second stages and high supervision and workshop on the construction of the securities paper production factory	It has been completed	Mazandaran Amol	central bank	Takab paper factory
Engineering studies of the first and second stages and supervision and workshop on the construction of the factory	It has been completed	Mazandaran Amol	Iran Heavy Diesel Company	Iranian heavy diesel factory
Engineering services for stages 1, 2 and 3 of industrial halls (machining and casting) and service and side buildings.	It has been completed	Karaj	Mapna Perto Co	The construction plan of the gas turbine blade production factory (basement level ۲۵,۰۰۰square meters(

Work experience related to the expertise of administrative, industrial buildings and electrical and mechanical installations

Brief description of services provided	Service stage	Project location	the employer	Project
Engineering studies of the 1st, 2nd and 3rd stages of the gas supply network in the southern area of the factory	It has been completed	Yazd	Ministry of Mines and Metals	The gas supply network of the southern area of Yazd Alloy Steel Factory
Engineering services for stages 2, 1 and 3 and workshop supervision to increase the capacity of the factory's cooling water system	It has been completed	Yazd	Iran Alloy Steel Company	The development plan of cooling water facilities of Yazd alloy steel factory
Engineering services, steps 2.1	It has been completed	Karaj	Mapna Boiler Company	The construction plan of the production hall and the central warehouse of Mapnaboiler
Engineering services stage 2	It has been completed	Sangan	Azaran company	Se Chahoon pellet factory
Engineering services of the first stage of architecture-structure and electrical-mechanical installations of X-1 station with the cooperation of Naqsh Ivan Consulting Engineers.	It has been completed	Tehran	Tehran City Railway Company	Tehran metro station
Second stage engineering services for the construction of a factory with a capacity of 5 million tons per year	It has been completed	Sangan	Azaran company for Mobarake steel complex	Pellet factory number 2, Sangan
Engineering services for the 2nd, 1st and 3rd stages of the work hall and multi-purpose building	It has been completed	Karaj	Mapna group Parto Co	The development plan of the turbine blade factory (basement level ۸۰۰۰square meters(
Engineering services for stages 2, 1 and 3	It has been completed	Esfahan	Golsafar company	Development and construction of several production halls of Isfahan Iron Smelting Factory (basement area 25000 square meters)
Engineering services of stages 2, 1 and 3 and high supervision and workshop on the construction of buildings and industrial halls and landscaping.	It has been completed	Karaj	Toga company)Mapna Group(	Mapna Group industrial turbocompressor factory (basement area 35000 square meters)

Work experience related to the expertise of administrative, industrial buildings and electrical and mechanical installations

Brief description of services provided	Service stage	Project location	the employer	Project
Carrying out all first and second stage engineering services and high and workshop supervision of office and service buildings with an area of 12000 square meters.	It has been completed	Khuzestan	Faleq Sanat Co	Administrative and service buildings of Shokar Shuaibieh, Mirzakochek Khan and Salman Farsi factories
Technical cooperation, such as equipping the technical office and carrying out engineering studies for the 2nd, 1st and 3rd stages of construction, mechanical and electrical facilities and infrastructure equipment of the alloy steel production plant with a capacity of 140,000 tons per year and providing the necessary engineering services in connection with the Institute of Technology Providing Technical Knowledge (DVAI/ BOEHLER)	It has been completed	Yazd	Ministry of Mines and Metals Iran Alloy Steel Company	Yazd alloy steel factory
Engineering services of stages 2, 1 and 3 and workshop supervision on the construction of industrial structures, two cement production lines and ancillary and service buildings and landscaping of the factory	It has been completed	Kermanshah	Saman Gharb Cement Co	Cement factory with a production capacity of 7000 tons per day)Underground level ۵۵,۰۰۰square meters(
Engineering services for stages 2, 1 and 3 and workshop supervision of the construction of industrial halls and service and side buildings	It has been completed	Hashtgerd	Taba Co	Construction plan for cutting blade production factory)Underground level ۱۲۰۰۰square meters(
Engineering services for stages 1, 2, 3 and workshop supervision to build the development plan	It has been completed	Karaj	Maadikaran company	Development plan for 2 gas turbine parts manufacturing plants
Engineering studies of the first and second stages and supervision of the construction of raw sugar production factories each with a capacity of 100 thousand tons per year	It has been completed	Khuzestan	Faleq Sanat Co	Mirzakochek Khan and Salman Farsi sugar factories
Engineering services for stages 2, 1 and 3 and workshop supervision for the construction of a test and research center for car parts and assemblies	It has been completed	Tehran	Itrak company affiliated with Iran Khodro	Automotive Parts and Assemblies Testing and Research Center

Work experience related to the expertise of administrative, industrial buildings and electrical and mechanical installations

Brief description of services provided	Service stage	Project location	the employer	Project
Excellent supervision and workshop on the construction of a white sugar factory with a capacity of 100 thousand tons per year	The project was stopped at the end	Khuzestan	Faleq Sanat Co	Farabi Sugar Factory
Excellent supervision and workshop on the construction of a white sugar factory with a capacity of 100,000 tons per year	The project was stopped at the end	Khuzestan	Faleq Sanat Co	Dehkhoda Sugar Factory
Engineering services for stages 2, 1 and 3 of Moshjar glass factory	It has been completed	Tabriz	Sahandjam Company of Tabriz	Moshjar glass factory Underground level) (square meters ۸۰۰۰
Engineering studies of phases 1 and 2 of electrical and mechanical installations of a 5-star, eleven-story hotel	It has been completed	Yazd	Yazdbaf Construction Company	Yazd Hotel Underground level) (square meters ۹۰۰۰
Engineering services for stages 1, 2 and 3 (workshop supervision and supervision) of construction of industrial and adjacent buildings and halls and landscaping of the development plan	In the last stages of implementation	Karaj	Parto Co	The redevelopment plan of the gas turbine blade production plant
Engineering services for the first and second stages of the test building of turbocompressor turbines and central electricity substation	In the last stages of implementation	Alborz Industrial City	Turbocompressor manufacturing company	Qazvin turbocompressor factory test hall and central electrical substation
Engineering services of the second stage of production buildings and support of iron ore concentrate factory	Ongoing	Sangan	Azaran company	Iron ore concentrate factory with a capacity of 2.4 million tons in Sangan
st and 2nd stage engineering services۱	Ongoing	Semnan	Sodium carbonate	Semnan sodium carbonate factory development plan

Work experience related to the expertise of administrative, industrial buildings and electrical and mechanical installations

Brief description of services provided	Service stage	Project location	the employer	Project
Examining the plans of the second stage prepared and preparing supplementary plans of the second stage and supervising the implementation of building and foundation operations and the construction of metal framework	Examining the plans of the second stage and monitoring the implementation Ongoing	Sirjan	Fekur Sanat and Shokofa Sanat Poya Company	Fakhor Sanat Steel Education and Research Center
Engineering services of the first and second stages of the production building, support and services of 4 flute glass production lines with a final capacity of 3400 tons per day	finished	Tabriz	Sahandjam Company	New Sahandjam glass factories
Engineering services for the first and second stages of production halls and support buildings	finished	Tehran, km 11 and 21 of Karaj special road	Cruise Company	Halls of the development department of the cruise company
Engineering services of the second phase of the non-industrial sectors of Kasri Steel	Ongoing	success	Azaran company	Kasri Steel Factory
Engineering services for the first and second stages of sodium carbonate factory development plans	Ongoing	Semnan	Iran sodium carbonate company	Development of sodium carbonate company
The first and second engineering services of the silica production plant required by the glass industry	Ongoing	Bonab	Sahandjam Company	Iran Sahand Silica Company
Second stage engineering services for the construction of a factory with a capacity of 5 million tons per year	Ongoing	Sangan	Azaran Company for the Organization of Development and Modernization of Mines and Mining Industries of Iran	Pellet factory No. 1, Sangan
Engineering services of the first and second stages of Lehr buildings, glass warehouse, batching, nitrogen and hydrogen buildings, furnace and tin warehouse, etc. for 5 production lines with a total capacity of 4150 tons per day.	Ongoing	Tabriz	Sahand Jam Tabriz	Flute glass factories

Work experience related to industry expertise

Brief description of services provided	Service stage	Project location	the employer	Project
Studies in the field of identification and preparation for the continuation of half-finished works of complex production factories	It has been completed	Isfahan-Zarin Shahr	Defense Industries Organization	Identification and technical examination of factories of plan two and educational complex
Technical and economic study of sand-lime brick production with a nominal capacity of 300 thousand molds per day	It has been completed	Abig Qazvin	Siporex Company (National Industries Organization)	Technical and economic study of sand and lime brick factory
Engineering services for stages 2, 1, and 3 of building tallow fat storage silos and silo loading and unloading systems	It has been completed	Tehran	Floor company	Fat storage system of the palate
Preliminary studies for the production of steel pipes with seams	It has been completed	-	Ministry of Heavy Industries	Steel pipe production plan
Technical and economic study of the production of lightweight concrete panels with a capacity of 1000 cubic meters per day	It has been completed	Abig Qazvin	Siporex Company (Heavy Industries Organization)	Technical review of completion of Itong factory
Technical and economic review and carrying out additional engineering studies of the factory and its infrastructure and monitoring the implementation of the work and the start-up of the factory with a capacity of 300,000 brick molds per day.	It has been completed	Hamidi yeh (Ahvaz)	Modern Iran Company (National Industries Organization)	Completion and commissioning of sand-limestone brick factory
Finding a location for an aluminum production factory with a capacity of one million tons per year	It has been completed	South coast	Ghadir Investment Company	Feasibility assessment of the construction plan of the aluminum production factory

Work experience related to industry expertise

Brief description of services provided	Service stage	Project location	the employer	Project
Preparation of supplementary plans for installation systems and supervision of employer groups for the installation and commissioning of an automatic casting line with a capacity of 30,000 tons per year.	It has been completed	Tehran	Pars Metal factory	Automatic line casting
Technical and economic review of the project under implementation of the 10,000 ton casting unit of Malibel joints and evaluation of the completed works and providing the necessary guidelines to the employer and Atmosfar company for a better implementation of the project.	It has been completed	Karaj	National Bank of Iran	Molding design of Malibel joints in Atmosfer factory
Engineering services for the 1st and 2nd stages of building a sand-lime brick factory with a nominal capacity of 400,000 brick molds per day.	It has been completed	Hamidiyeh-Ahvaz	Huizeh Martyrs Company	Completion and commissioning of sand and lime brick factory
Engineering services of the first, second and third stages and technical cooperation for the construction of the flute glass factory	It has been completed	East Azarbaijan	Export Bank	Azar Flute Glass Factory
Designing the return sand cooling system with a capacity of 400 tons per hour for the casting unit of Iran's tractor factory	It has been completed	Tabriz	Tractor manufacturing of Iran	Casting sand cooling system
Designing the feeding circuit of newly constructed silos and freshly used sand dryer with a capacity of 40 tons and 120 tons per hour for the casting unit of Iran Tractor Factory.	It has been completed	Tabriz	Tractor manufacturing of Iran	Fresh sand feeding and drying design
Engineering services of the first phase of the camshaft production line with a capacity of 35,000 pieces per year by chill casting.	It has been completed	Tabriz	Tractor manufacturing of Iran	Engine camshaft production plan
Engineering services for the first and second stages of aluminum profile production with a capacity of 12,000 tons per year	It has been completed	Mashhad	Company profile	Automatic line casting

Work experience related to industry expertise

Brief description of services provided	Service stage	Project location	the employer	Project
Carrying out studies of the production factory of air and smoke valves for gasoline and diesel engines with a capacity of 6 million .pieces per year	It has been completed	Gorgan	private sector	Engine valve production factory plan
Carrying out initial demands and surveying the consumer market, performing the services of stages 1, 2, 3 of engineering, monitoring up to the stage of setting up and operating the .factory	It has been completed	Bandar Abbas	private sector	Engine oil refining factory
Technical and economic review of the factory for the production of heating circulator pumps with a capacity of 20 thousand units per year	It has been completed	Rasht	private sector	Design of foundry and machine building factory
Technical and economic study of bunker production plant with a capacity of 180 devices per year	It has been completed	Arak	Company Hi group (Hi Group)	Plan of cement bunker production plant
Preparation of construction, installation, electrical and equipment .plans for a factory with a capacity of 1000 tons per year	It has been completed	Qom	Koban Kar Co	The design of the factory for the production of industrial bolts and nuts
Technical and economic investigation of the piston ring production factory for gasoline and diesel engines with a capacity of 12 million units per year	It has been completed	Gorgan	private sector	The design of the factory for the production of motor rims
Technical and economic review of the project jointly with the Finnish company METRA ENGINEERING Engineering services for stages 2, 1 and 3 and workshop supervision of the construction of a factory for the production of heavy diesel engines	It has been completed	Mazandaran	Ministry of Heavy Industries	Heavy diesel engine factory
Carrying out engineering studies of the second phase of the company's new factory in Rasht to produce 200 thousand ventilators per year	It has been completed	Rasht	Iran Ventilator Company	The expansion plan of the ventilator production factory

Work experience related to industry expertise

Brief description of services provided	Service stage	Project location	the employer	Project
Third stage engineering services and workshop supervision to increase the capacity of the smelting and casting unit of the factory	It has been completed	Yazd	Iran Alloy Steel Company	Kowsar project - development of smelting and casting unit
Engineering studies of the first and second stages of the installation and supervision of the construction of a new car body paint salon	It has been completed	Tehran	(technicians) Saipa	Pars Khodro paint salon
Engineering studies of the first stage of bitumen production factory with a capacity of 80 thousand cubic meters per year and production of bitumen and oil barrels with a capacity of 250 thousand per year	It has been completed	Garmsar	private sector	The plan of the bitumen and barrel production factory
Engineering services for the first and second stages of construction, mechanical and electrical facilities and factory development equipment and automatic product transfer system and waste disposal and industrial ventilation	It has been completed	Qom	Kuban Kar Co	Screw factory development plan
Engineering services for the first and second stages of the construction of an aluminum radiator factory using extrusion and die-casting processes with a capacity of .250,000 blades per year	It has been completed	Mashhad	private sector	Aluminum radiator factory construction plan
Executive design of silos and pneumatic transmission network inside the factory and distribution system to .consumer factories in the country	It has been completed	Qazvin	private sector	Design of silos and pneumatic transfer network of PVC granules
Preliminary studies for the production of seamless steel pipes	finished	-	Ministry of Heavy Industries	Production plan of seamless steel pipes
Engineering services for the 1st and 2nd stages of the wire production factory required by the screw and nut industries	Stopped at stage 2	Salafchagan	Folad Gostar Kashsh Co	Steel wire production complex
Engineering services for stages 1 and 2 of chemical storage .tanks, loading facilities and side buildings	It has been completed	Bandar Imam	Polyacryl company	Loading terminal and storage of raw materials

Work experience related to industry expertise

Brief description of services provided	Service stage	Project location	the employer	Project
Engineering studies to present how to restore concrete foundations and prepare estimates and tender documents for restoration operations	It has been completed	Yazd	Yazd Regional Electricity Company	Repair of foundations of 63 kV Yazd-Ardakan power transmission lines
Detailed engineering services and preparation of executive structural plans, general mechanical and electrical installations of the liming unit of Yazd Alloy Steel Factory	It has been completed	Yazd	Iran engineering and machinery company	Engineering services of liming unit of Yazd Alloy Steel Factory
Engineering services of stages 2, 1 of the project to produce granules containing glass wool fibers from factory waste	It has been completed	Esfahan	Iran polyacrylic company	production plan GF-PET
Engineering services for the 1st and 2nd stages of the repair shop halls and service and side buildings	It has been completed	Bandar Abbas	Persian Gulf shipbuilding	Ship repair and reconstruction complex

Work experience related to mining and ore processing and material processing

Brief description of services provided	Service stage	Project location	the employer	Project
Technical and economic studies of iron ore extraction and concentration for extracting the raw material of Khorasan Steel Factory. These studies were conducted jointly with the Australian company BHPE.	It has been completed	Taybad	Ministry of Mines and Metals	Sangan iron ore mine
Controlling the design and monitoring the implementation of the dust extraction system (PFTP)	It has been completed	Bandar Abbas	Ministry of Mines and Metals	Al Mahdi Aluminum Complex
Engineering studies of the first and second stages and supervision of the construction of a factory for the production and processing of silica powder required by the glass industry with a capacity of 200 thousand tons per year.	It has been completed	Takedtan	Glass raw material extraction company	Silica powder production and processing factory
Detailed engineering services related to dry grinding, mixing, baking units; Dust collectors, rail, railway loading house and primary storage silos of the pellet factory	It has been completed	Sirjan	Gol Gohar iron ore complex	Pelletizing plan
Siting studies for the factory, environmental impact assessment and designing the factory's water supply network	It has been completed	Takab city	Poya Zarkan Ag Dere Company	gold concentration factory
Consulting, engineering and design services in order to extract and exploit the Nakheel Ab mineral range (including determining the extraction method, pit design, providing short, medium and long-term exploitation plans, etc.)	Ongoing	Sistan and Baluchestan	Jahan Tejarat Foulad Hamon Co	Nakhil Ab Zahedan mine
Geophysical operations by magnetometry with 20,000 magnometric points, ore sorting studies and tests, etc.	Ongoing	Khorasan, Kerman, Sistan and Baluchistan	Negin Gohar Kohbad Pouyan Company	Geophysical operations, magnometry and mineralization tests

Work experience related to the specialization of water and sewage facilities

Brief description of services provided	Service stage	Project location	the employer	Project
Preparation of tender documents for installation and commissioning of equipment including: Identification of equipment, determination of deficiencies, preparation of execution plans and technical specifications, evaluation of the efficiency of contractors for invitation to tender, conduct of tender and selection of contractor, supervision of execution operations, start-up and delivery	It has been completed	Isfahan - Zarin Shahr	Defense Industries Organization	water treatment plant with a capacity of 2.5 cubic meters per second and sewage treatment plant for 25,000 people
The design of the first, second and third stages of the construction of two air tanks with a capacity of 500 cubic meters and a height of 40 meters and a ground tank with a capacity of 20,000 cubic meters of water storage network and engineering services for the design of the water supply network	It has been completed	Isfahan - Zarin Shahr	Defense Industries Organization	Water distribution network of residential complex and factories
Installation services of the main house pump with a capacity of 11,000 cubic meters per hour and a power of 5 megawatts, including technical inspection, full service, necessary repairs, power supply and system installation. This project was previously started by a foreign company and was stopped for several years due to various reasons.	It has been completed	- Esfahan Paul Kale	Defense Industries Organization	The main pump house of Isfahan Defense Industries Complex
Preparation of tender documents for the installation and commissioning of their equipment, including: identification of equipment, determination of deficiencies, preparation of executive plans and technical specifications, evaluation of the efficiency of candidates participating in the tender, conducting tenders and selecting contractors, monitoring execution operations, commissioning and delivery	It has been completed	Isfahan - Zarin Shahr	Defense Industries Organization	Treatment of human sewage for a city of 30,000 people

Work experience related to the specialization of water and sewage facilities

Brief description of services provided	Service stage	Project location	the employer	Project
High quality supervision services and workshop supervision on construction operations of industrial and sanitary wastewater treatment plants	It has been completed	Khuzestan	Sugarcane development company and related industries affiliated to the Ministry of Agriculture	Treatment of industrial and sanitary wastewater in Shuabiyeh and Amirkabir industrial sites
Engineering studies of the first, second, and third stages of the paper factory wastewater treatment system and high-level and workshop supervision of its implementation	It has been completed	Mazandaran	Central Bank of Iran	Industrial and sanitary wastewater treatment house of paper factory
Engineering services for stages 2, 1 and 3 and workshop supervision of the facility development plan to increase the capacity of the factory's cooling water system.	It has been completed	Yazd	Iran Alloy Steel Company	The development plan of cooling water facilities of Yazd alloy steel factory
Preliminary engineering studies and second-stage engineering services and high-level supervision and workshop on the construction of the treatment plant and the main pump house and water supply lines to the administrative, support and service buildings and the construction of the factory water tank	It has been completed	Yazd	Iran Alloy Steel Company	Treatment plant, main pump house and water supply lines and 16000 cubic meter tank of Yazd Alloy Steel Factory
Engineering services for stages 1, 2 and 3 and workshop supervision on the construction of water tank and related pump house	It has been completed	Yazd	Iran Alloy Steel Company	۱۶۰۰۰cubic meter water storage tank of Yazd One Steel Factory

Management structure, organization, project control and human resources

Summary of important responsibilities and experiences	Responsibility in the company	Education and expertise	Name and surname
Supervising the installation of factory equipment and various facilities, planning and supervising the implementation of infrastructure projects, designing laser measurement systems in West Germany, instructor at the University of Paris, process design of factories and related facilities - project management	CEO, member of the board of directors and director of the industry department	Master's Degree in Electromechanical Engineering from Technical College of Tehran University in 1973 and Master's Degree in Heat Transfer from Imperial College London in 1973	Mohammad Reza Zare
Accountant engineer and designer of structures such as the multi-purpose hangar of 747 wide-body aircraft, seven thousand ton silos, the main stone crusher structure of Gol Gohar mineral complex and various industrial factories with concrete and metal skeletons such as sugar, paper, pellet and cement factories.	Member of the board of directors and manager of the structure and civil department	Bachelor of Structural Engineering from Sharif University of Technology in 1358	Alireza Razavi
Processing expert of smelting, acid, refinery and foundry factories of Iran's National Copper Industries Company production management of smelting and acid factories and executive management of EPC projects of copper concentrate factories and copper anodyne production of Iran's National Copper Industries Company	Chairman of the board and manager of mining projects	Bachelor's degree in materials-extractive metallurgy and master's degree in the field of materials-identification and selection of engineering materials, Bahoner University of Kerman	Hamid Reza Fallahi
CEO of Shokofa Sanat Pooya Company (from 1375 to 1392), member of the board of directors of Kariman Kerman, Pars Fidar Karmania and Shokofa Sanat Pooya companies. Management of metal framework and steelmaking projects	Vice Chairman of the Board of Directors	Bachelor of Fluid Mechanics and Master of Industrial Management from Azad University of Kerman	Hossein Pouyan
Accountant engineer and structural designer of high-rise buildings, such as the 33-story CONCILIUM building in Toronto, Canada, and heavy industrial structures of various factories in Iran, and excellent supervision of project implementation.	Board member and designer, project manager	Structural Engineer from Sharif University of Technology 1356 - Master's degree from Concordia University Montreal - 1986	Ahmad Momeni Azandriani

Currently, this consultant uses the services of about 30 experts and senior experts, computer operators, draftsmen, technicians and full-time, contractual and part-time administrative and financial staff to perform the assigned services. In the year 1400 and at the same time as the management changes, these consulting engineers have completed the engineering staff in the specialties of administrative, residential and industrial buildings, as well as the exploration and exploitation of mines and water and sewage facilities.

In the tables on the next pages, the specifications of the main partners and associates of this company are presented.

The organizational, managerial and personnel structure of these consulting engineers is shown in the attached pages.

Profiles of key experts with bachelor's degrees and above, Noha Industrial Consulting Engineers

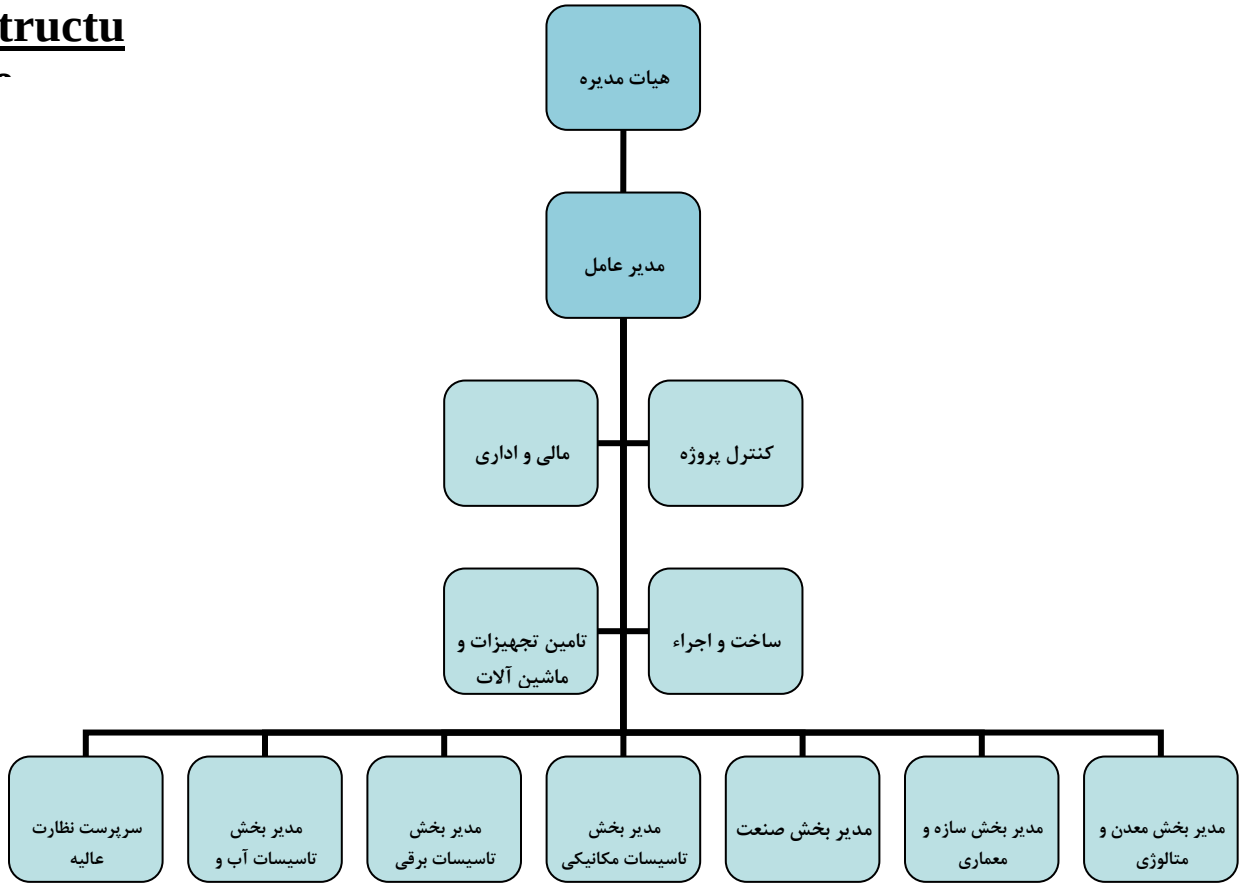
Graduation year	The last educational level	field educational	empty place Education	name family name
1347 1973	Master's degree Master's degree	Electromechanics The heat transfer	Tehran University Technical College Imperial College London, England	Mohammad Reza Zare
1385	bachelor	Structure	Sharif University of Technology	Alireza Razavi
1375 1392	Bachelor's degree Master's degree	Materials, extractive metallurgy Identification and selection of materials	University with art in Kerman	Hamid Reza Fallahi
1357 1986	bachelor Master's degree	Structure Building	Sharif University of Technology Concordia University, Montreal, Canada	Ahmad Momeni Azandriani
1376 1393 1400	bachelor Master's degree Doctorate	mining	University of Kerman Azad university of Tehran Azad university of Tehran	Mohammadreza Moghadam
1347	Master's degree	Electromechanics	Tehran University Technical College	Timurian Hormuz

1347	Master's degree	Electricity	Tehran University Technical College	Mahmoud Pourmansouri
1350	Master's degree	Power and control	Tehran University Technical College	Hossein Nakshineh
1371 1375	Bachelor's degree Master's degree	Construction Soil Mechanics	Khwaja Nasir Amirkabir University of Technology	Mohammad Naderi Shanjani
1390	bachelor	architecture	Surah University	Abtin Zare
1375	bachelor	Electric-electronic	Shahid Beheshti University	Abbas Momeni
1392 1398	Bachelor's degree Master's degree	Solid Mechanics Industrial Management	Bahnar University of Kerman Ba'ath University of Kerman	Mohsen Pouyan
1386	bachelor	the mechanic	Islamic Azad university	Ali Asghar Mehri
1386	bachelor	architecture	Babylon University	Neda Pazaki Troudi

Profiles of key experts with bachelor's degrees and above, Noha Industrial Consulting Engineers

Graduation year	The last educational level	field educational	empty place Education	name family name
1371 1376	Bachelor's degree Master's degree	Applied Chemistry chemical engineering	Zahedan University Sciences and techniques of Mazandaran	Keyvan Fatemi
1385 1389 1396	Bachelor's degree Master's degree Doctorate	mining Mining engineering - mineral processing	University of Science and Research	Mohammad Mahdi Royai
1368	Bachelor's degree	Mining - exploration	Tehran University Technical Faculty	Afshin Etemadi Al-Agha
1359	Master's degree	the mechanic	Tehran University Technical Faculty	Hossein Ahmadi
1382	Bachelor's degree	civil engineering	Azad University	Reza Mohammadipour
1388 1391	Bachelor's degree Master's degree	Mining engineering Rock Mechanics	Yazd University Tehran University Technical Faculty	Hassan Yarmohammadi Samani
1393	Bachelor's degree	civil engineering	Kerman Azad University	Omid bakhshi
1387	Bachelor's degree	civil engineering	Kerman Azad University	Reza Eslami Shab Jarah
1389 1393	Bachelor's degree Master's degree	Imran - Imran geotechnic	Chamran University of Ahvaz	Mohammad Shakrami

Structu


هیات مدیره
مدیر عامل
مالی و اداری
کنترل پروژه
تامین تجهیزات و ماشین آلات
ساخت و اجراء
سرپرست نظارت عالیه
مدیر بخش تاسیسات آب و
مدیر بخش تاسیسات برقی
مدیر بخش تاسیسات مکانیکی
مدیر بخش صنعت
مدیر بخش سازه و معماری
مدیر بخش معدن و متالوژی

Administrative, technical and engineering facilities of the company

The central office of Know How Industrial Consulting Engineers, with an infrastructure of about 220 square meters, conducts and directs the activities of designing and supervising projects and managing and supporting the supply of equipment and machinery and construction and execution with sufficient facilities and equipment.

The facilities of the central office as working tools and guaranteeing the accuracy of operations and control of work progress are as follows:

A total of 15 PENTIUM, i3, i5, i7 computers and six i7 and i5 laptops with the possibility of connecting to the high-speed Internet and all equipment including 8 printers, an A0 plotter, including various software applications in the fields of structures, mechanical facilities and Electrical, computer design and mapping, project control, financial and administrative services, statistics, word processing, etc., such as:

(MATS, MICROSOFT OFFICE2016 ,SAP2000, AUTOCAD 2020, AUTODESK RIVET, SAFE, ETABS, TEKLA, CIVIL 3D, MICROSOFT PROJECT 2016& PRIMAVERA, ALPHA, STAAD III, PCACOL, HAP, ELECTRICAL AND MECHANICAL SOFTWARE)

The above computer equipment works as a continuous network system and is controlled by WINDOWS SERVER 2016 software.

All the work related to the preparation of reports, preparation of price lists, project control, statistics, structure calculations, facility calculations and mapping works are done using the above equipment and software.

in addition to:

-Equipment and supplies suitable for central office staff

-Two duplicating machines

-Library and archive of technical documents and standards

-Telephone, Internet and fax communication lines 6 numbers

Announcement of the opinion of a number of employers

بسمه تعالی

شماره: ۹٤۱/٤۹۳٥
تاریخ ۱۳۹٤/۰٥/۰۷
پیوست: ندارد

شرکت مهندسی و ساخت توربین مپنا
شماره ثبت ۱۵۲۱۰۰
گروه مپنا شناسه ملی: ۱۰۱۰۱۹۴۹۰۳۳
توگا (سهامی خاص)

مهندسین مشاور نوها

موضوع: اعلام سوابق کار

اکنون که بیش از چهار سال از شروع بهره برداری موفقیت آمیز طرح توسعه توربین صنعتی در توگا میگذرد و بنا به درخواست آن مشاور محترم، خلاصه موضوع همکاری در ذیل اعلام و بدینوسیله از خدمات مهندسی و نظارتی آن شرکت در زیربنای بیش از پنجاه هزار متر مربع کار صنعتی تقدیر و تشکر میگردد.
بخشهایی که بیشتر شایسته اشاره است عبارتند از :

۱-کلیه خدمات مهندسی صنعتی تا پایان فاز اجراء برای سالنهای اصلی توربین صنعتی و طراحی بخشی از امور تکنولوژی آن به مساحت ۳۰۰۰۰ متر مربع
۲- کلیه خدمات مهندسی شامل طراحی معماری ، سازه ، تأسیسات برقی و مکانیکی ساختمانهای جنبی و موتورخانه مرکزی به مساحت ۷۰۰۰ متر مربع به انضمام خدمات نظارتی
۳- معماری صنعتی ، طراحی سازه ، تأسیسات برق و مکانیک و انفورماتیک سالن تست سرعت به مساحت ۳۰۰۰ متر مربع
۴-ارائه طرح مفهومی و فاز اول ساختمان اداری اصلی و پارکینگ طبقاتی با زیربنای بیش از ۲۰۰۰۰ متر مربع
۵- طراحی محوطه غربی کارخانه شامل طرح هندسی معابر ، فضای سبز و روشنایی به مساحت ۷۰۰۰۰ متر مربع

با آرزوی موفقیت روزافزون
مجید بهمنی
مدیر عامل و عضو هیأت مدیره

ISO 9001:2008
OHSAS 18001:2007
ISO 14001:2004

دفتر مرکزی: تهران، بلوار میرداماد، شماره ۲۳۱، ساختمان مرکزی گروه مپنا،
کدپستی: ۱۹۱۸۹۵۳۶۵۱؛ صندوق پستی: ۵۶۴۳-۱۵۸۷۵
تلفن: ۳-۲۲۹۰۸۵۸۱ نمابر: ۲۲۹۰۸۶۵۴
کارخانه: کرج، کیلومتر ۷ جاده فردیس؛ کدپستی ۳۱۶۷۶۴۳۵۹۴
تلفن: ۰۲۶-۳۶۶۳۰۰۱۰ نمابر: ۰۲۶-۳۶۶۱۲۷۳۴
E-mail: info@mapnaturbine.com http://www.mapnaturbine.com

گروه مپنا
نماد خودباوری

شرکت مهندسی و ساخت پره توربین مپنا (سهامی خاص) پرتو
شماره ثبت: ۱۶۸۴۵۳

شماره: ۰۱/۱۴۰۹۵۶
تاریخ: ۱۴۰۱/۰۸/۰۸
پیوست: ندارد

گواهی مطلوبیت عملکرد

بدینوسیله گواهی می‌نماید، **مهندسین مشاور صنعتی نوها** خدمات مهندسی مراحل اول، دوم و سوم (نظارت عالیه و نظارت کارگاهی) پروژه احداث واحدهای صنعتی و خدماتی طرح توسعه مجدد کارخانه این شرکت را با دقت و پیگیری مستمر به پیش برده و پروژه در دوره اخیر با موفقیت کامل به اتمام رسیده است.

لذا ضمن قدردانی از مدیران و کارشناسان محترم مهندسین مشاور صنعتی نوها که خدمات مهندسی پروژه را صمیمانه و مجدانه به انجام رسانده‌اند، توفیق روزافزون در خدمت به صنایع کشور را برای ایشان و مجموعه تحت رهبری آرزومندیم./

مهیار مسعودی
مدیریت طرح توسعه
گروه مپنا - شرکت پرتو

ISO 9001:2015 | ISO 45001:2018 | ISO 14001:2015 | TÜV AUSTRIA

کارخانه: کرج، کیلومتر ۷ جاده ملارد ضلع شمالی نیروگاه منتظر قائم، بلوار مپنا
کد پستی: ۳۱۶۷۶۳۳۶۸۵ صندوق پستی: ۱۱۳۰-۳۱۷۵۵

دفتر تهران: بلوار میرداماد، نبش خیابان کجور، شماره ۲۳۱ ساختمان شماره ۳ مپنا، طبقه ۴
کد پستی: ۱۹۱۸۹۵۳۶۵۱ صندوق پستی: ۵۳۱۶-۱۹۳۹۵

www.mapnablade.com
info@mapnablade.com

بسمه تعالی

شماره: ۸۴/۱۲۱۷۷
تاریخ: ۸۴/۱۲/۱۱
پیوست: دارد

شرکت مهندسی و ساخت پره توربین مپنا (سهامی خاص)
شماره ثبت ۱۸۸۳۵۳

گروه مپنا

مهندسین مشاور صنعتی نوها
موضوع : گواهی انجام کار

باسلام،

بازگشت به نامه مورخ ۸۴/۱۲/۱۰، بدینوسیله گواهی می‌شود :

مهندسین مشاور نوها قرارداد شماره ۸۰/۰۰۳ مورخ ۱۳۸۰/۱۲/۱۸ موضوع انجام خدمات مراحل اول، دوم و سوم طرح احداث کارخانه ریخته‌گری، ماشینکاری و پوشش پره توربین گازی را که از فروردین ۱۳۸۱ تا بهمن ۱۳۸۴ ادامه داشته را با دقت و کوشش قابل تقدیر به پایان رسانده و همکاری بسیار خوبی در تهیه صورت وضعیتهای قطعی و سایر امور مربوطه از جمله شرکت در جلسات فنی و پیگیری برای تحویل قطعی با مجری طرح داشته‌اند.

بدینوسیله از زحمات و خدمات مدیران و کارشناسان مشاور صنعتی نوها تقدیر و تشکر می‌شود و برای همه کارکنان آن شرکت آرزوی توفیق دارد.

با تشکر
مجید بهمنی
مدیرعامل و عضو هیئت مدیره

فاکس شد
ساعت ۹،۴۴ تاریخ ۸۴/۱۲/۱۱
شماره ۲۲۲۴۶۶۵۴

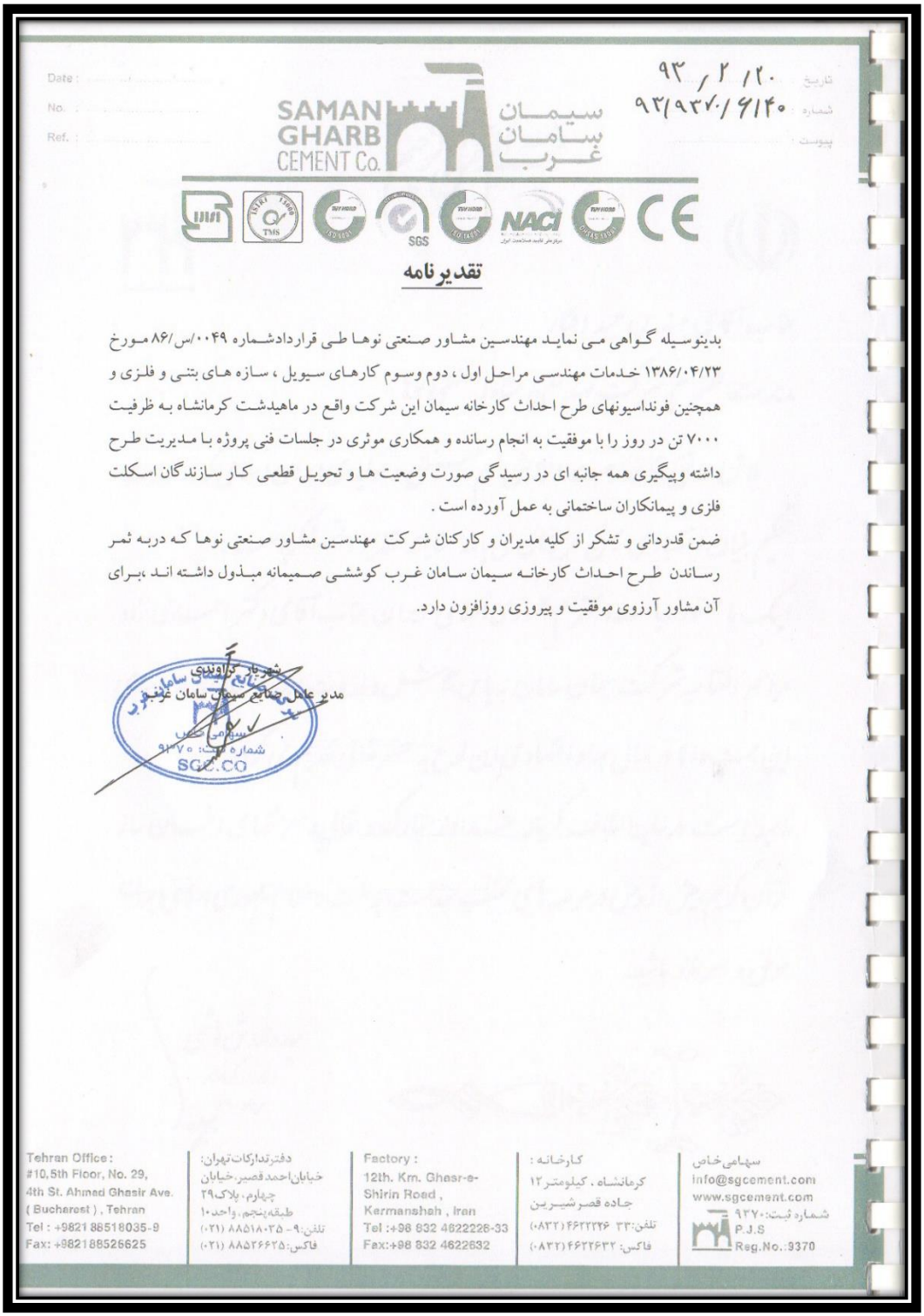
شماره ۸۴-۶۹۰۱/۶۵۰۰
تاریخ ۸۴/۱۲/۱۳

کارخانه
کرج، کیلومتر ۷ جاده ملارد، بلوار مپنا، ضلع شمالی نیروگاه منتظر قائم
کدپستی: ۳۱۸۷۶۴۳۵۹۷، صندوق پستی: ۱۱۴-۳۱۷۵۵

دفتر تهران
تهران، بلوار میرداماد، شماره ۲۳۱، ساختمان مپنا، طبقه ۸
کدپستی: ۱۹۱۸۹۵۳۶۵۱، صندوق پستی: ۵۳۱۶-۱۹۳۹۵

website: www.partoir.com
e-mail: info@partoir.com

Ba.12177



Date :
No. :
Ref. :

تاریخ : ۹۳/۲/۲۰
شماره : ۹۳/۹۳۷۰/۶/۴۰
پیوست :

SAMAN GHARB CEMENT Co.
سیمان سامان غرب

تقدیرنامه

بدینوسیله گواهی می نماید مهندسین مشاور صنعتی نوها طی قراردادشماره ۰۰۴۹/س/۸۶ مورخ ۱۳۸۶/۰۴/۲۳ خدمات مهندسی مراحل اول ، دوم وسوم کارهای سیویل ، سازه های بتنی و فلزی و همچنین فونداسیونهای طرح احداث کارخانه سیمان این شرکت واقع در ماهیدشت کرمانشاه به ظرفیت ۷۰۰۰ تن در روز را با موفقیت به انجام رسانده و همکاری موثری در جلسات فنی پروژه با مدیریت طرح داشته وپیگیری همه جانبه ای در رسیدگی صورت وضعیت ها و تحویل قطعی کار سازندگان اسکلت فلزی و پیمانکاران ساختمانی به عمل آورده است .

ضمن قدردانی و تشکر از کلیه مدیران و کارکنان شرکت مهندسین مشاور صنعتی نوها که دربه ثمر رساندن طرح احداث کارخانه سیمان سامان غرب کوششی صمیمانه مبذول داشته اند ،برای آن مشاور آرزوی موفقیت و پیروزی روزافزون دارد.

شهریار کاوندی
مدیر عامل صنایع سیمان سامان غرب

Tehran Office :
#10,5th Floor, No. 29,
4th St. Ahmad Ghasir Ave.
(Bucharest) , Tehran
Tel : +9821 88518035-9
Fax: +98218852625

دفتر تدارکات تهران:
خیابان احمد قصیر، خیابان
چهارم، پلاک ۲۹
طبقه پنجم، واحد ۱۰
تلفن: ۹- ۸۸۵۱۸۰۳۵ (۰۲۱)
فاکس: ۸۸۵۲۶۶۲۵ (۰۲۱)

Factory :
12th. Km. Ghasr-e-
Shirin Road ,
Kermanshah , Iran
Tel :+98 832 4622226-33
Fax:+98 832 4622632

کارخانه :
کرمانشاه ، کیلومتر ۱۲
جاده قصر شیرین
تلفن: ۳۳ ۴۶۲۲۲۲۶ (۰۸۳۲)
فاکس: ۴۶۲۲۶۳۲ (۰۸۳۲)

سهامی خاص
info@sgcement.com
www.sgcement.com
شماره ثبت: ۹۳۷۰
P.J.S
Reg.No.:9370

بسم الله الرحمن الرحیم

جناب آقای مهندس حمید افشار

مدیریت محترم شرکت مهندسین مشاور صنعتی نوها

تلاش موفق شما در جهت افزایش سهم صنعتی و تولیدی ایران اسلامی که در نهایت تحکیم بنیان اقتصادی میهن عزیزمان می باشد شایسته تقدیر و تشکر است.

اینک با حضور ریاست محترم جمهوری اسلامی ایران جناب آقای دکتر احمدی نژاد مراسم افتتاحیه شرکت سیمان سامان به پاس تلاش و خدمات ارزنده جنابعالی در راستای این همت والا در سال جهاد اقتصادی این لوح به حضرتعالی تقدیم می گردد.

امید است در سایه الطاف کریمانه خداوند تبارک و تعالی و سرمشقهای انسان ساز قرآن کریم بیش از پیش در عرصه های مختلف خدمت به ملت و نظام جمهوری اسلامی ایران موفق و سربلند باشید.

سید داوود هاشمی
استاندار کرمانشاه
مرداد ۱۳۹۰

شماره : ۴۸۰۵/ص
تاریخ : ۱۳۸۶/۱۱/ ۱

بانک مرکزی جمهوری اسلامی ایران
بسمه تعالی

دبیر کل

مهندسین مشاور نوها

موضوع : گواهی انجام کار

با سلام ،

بازگشت به نامه شماره ۸۵۰۰ /۸٤-۶-۵۸ مورخ ۱۳۸٤/۱۰/۲۰ ، بدین وسیله گواهی می شود ; مهندسین مشاور نوها قرارداد شماره ۷۶/۹۷/م ط ق مورخ ۱۳۷۶/۷/۱۳ موضوع انجام خدمات مهندسی مراحل اول ، دوم و سوم طرح احداث کارخانه تولید کاغذ اسناد بهادار بانک مرکزی را که از مهرماه سال ۱۳۷۶ تا پایان مرداد ماه سال ۱۳۸٤ ادامه داشته ، با سعی و کوشش صمیمانه به انجام رسانده و در مراحل دیگر نیز از جمله رسیدگی به صورت وضعیت های قطعی و شرکت در جلسات مختلف پیگیری ، هماهنگی ، حل مسائل و مشکلات طرح و تحویل قطعی عملیات موضوع قراردادهای مختلف کمال همکاری را با دفتر مجری طرح داشته اند .

ضمن تشکر و قدردانی از مدیران محترم مهندسین مشاور صنعتی نوها و کلیه کارشناسان ، تکنسین ها و دست اندرکاران ، توفیقات بیشتر آن مشاور را خواستار است .

حشمت ... عزیزیان
مجری طرح

۱۴-۵۲۵۴/۱۸۵ شماره
۱۳۸۶ ۲ من تاریخ

نمونه ن/۵۱۶
۲۰۰ د ۱۰۰ ب
۱۳۷ /۱

شماره: AZT/NOH/P2/0103
تاریخ: ۹۸/۰۷/۱۴
پیوست:

شرکت سازه های صنعتی آذران
(سهامی خاص)

آذران ZARAN

تقدیر نامه

بدینوسیله گواهی می‌نماید که مهندسین مشاور صنعتی نوها مطالعات خدمات مهندسی دوم (شامل طراحی سازه، سیویل، معماری و تاسیسات) طرح احداث کارخانه گندله‌سازی سنگان ۲ را با موفقیت کامل به انجام رسانیده است.
ضمن قدردانی و تشکر از کلیه مدیران و کارکنان آن شرکت، آرزوی موفقیت و پیروزی روزافزون برای آن مشاور داریم.

با تقدیم احترام
مدیر عامل
حسین اکبری تیرآبادی

سازه های صنعتی آذران آذران ZARAN سهامی خاص AZARAN IND.CO

No 59,Khodami St.Vanak aq.
Tehran-IRAN
Tel:(+9821) 85531-88611645
Fax:(+9821) 88611661
E-mail: info@azaranind.com

تهران، میدان ونک، خیابان شهید خدامی، پلاک ۵۹
کد پستی: ۱۹۹۴۸۴۹۵۷۴
تلفن ویژه: ۸۵۵۳۱-۸۸۶۱۱۶۴۵
فاکس: ۸۸۶۱۱۶۶۱

AZT/NOH/P0352
شماره:.....
۹۸/۰۷/۱۴
تاریخ:.....
پیوست:.....

شرکت سازه های صنعتی آذران
(سهامی خاص)

آذران ZARAN

تقدیر نامه

بدینوسیله گواهی می‌نماید که مهندسین مشاور صنعتی نوها مطالعات مهندسی مرحله اول و دوم (شامل طراحی سازه، سیویل، معماری، تاسیسات و محوطه سازی) طرح احداث کارخانه گندله‌سازی سنگان ۱ را با موفقیت کامل به انجام رسانیده است.
ضمناً از نحوه عملکرد و خدمات مدیران و کارکنان مهندسین مشاور صنعتی نوها رضایت کامل حاصل است.

با تقدیم احترام
مدیر عامل
حسین اکبری شیرآبادی

سازه های صنعتی آذران
آذران ZARAN
سهامی خاص
AZARAN IND.CO

No 59,Khodami St.Vanak aq.
Tehran-IRAN
Tel:(+9821) 85531-88611645
Fax:(+9821) 88611661
E-mail: info@azaranind.com

تهران، میدان ونک، خیابان شهید خدامی، پلاک ۵۹
کد پستی:۱۹۹۴۸۴۹۵۷۴
تلفن ویژه: ۸۵۵۳۱-۸۸۶۱۱۶۴۵
فاکس:۸۸۶۱۱۶۶۱

تاریخ: ۱۳۹۴/۷/۲۳
شماره: ۹۴/ش/۱۴۴۲۳
پیوست:

شرکت فولادآلیاژی ایران (سهامی عام)

<< گواهی >>

بدینوسیله اعلام می گردد که شرکت مهندسین مشاور صنعتی نوها طراحی و نظارت پروژه های زیر در شرکت فولادآلیاژی ایران را به نحو مطلوب به اتمام رسانده و از چگونگی عملکرد این شرکت رضایت حاصل است.

۱- نظارت عالیه و کارگاهی طرح گسترش واحد تأمین آب خنک کن کارخانه موضوع قرارداد شماره ۸۷۲۲G۰۴۲ مورخ ۱۳۸۸/۰۶/۲۰

۲- نظارت عالیه و کارگاهی پروژه توسعه فولادسازی موضوع قرارداد شمارهٔ ۸۸۲۲G۰۰۷ مورخ ۱۳۸۸/۰۲/۲۷

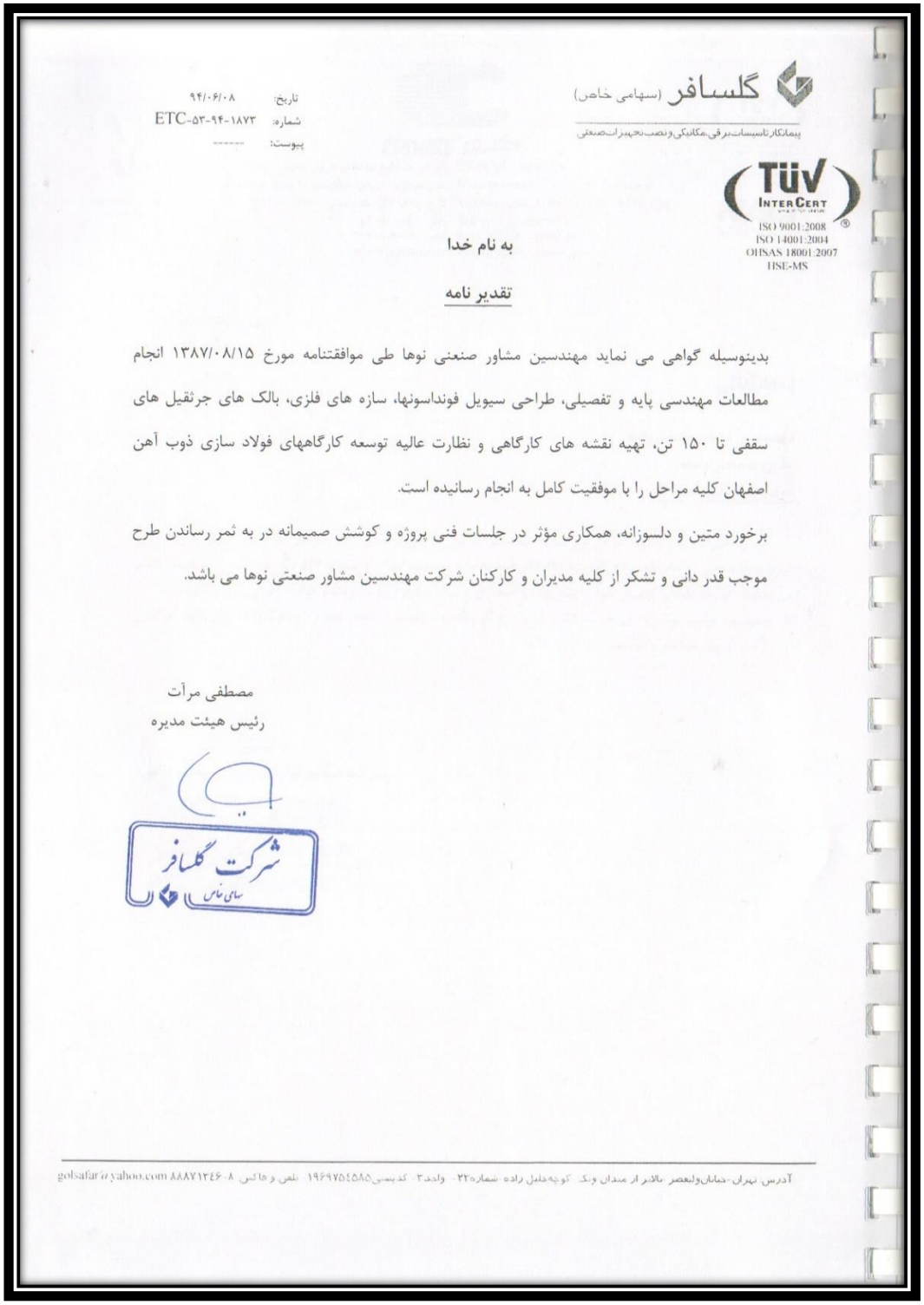
۳- طراحی و نظارت عالیه و کارگاهی مخزن ۱۸۰۰۰ مترمکعبی موضوع قرارداد شمارهٔ ۹۱۲۲۰۰۸۰ مورخ ۱۳۹۱/۰۱/۱۳

این گواهی بنا به درخواست مهندسین مشاور صنعتی نوها صادر گردیده است.

رامین کیهان
قائم مقام مدیرعامل

شرکت فولادآلیاژی ایران
IRAN ALLOY STEEL Co.

کارخانه :یزد-بلوارآزادگان-بلوارشهیددهقان منشادی- کیلومتر۲۴ جاده فولاد آلیاژی- کارخانه فولادآلیاژی ایران کد پستی ۸۹۴۵۱۵۱۶۹۴
تلفن: ۹۶ -۳۷۲۵۳۰۹۰ - ۰۳۵ دورنگار: ۳۷۲۵۴۶۸۰- ۰۳۵
دفترتهران:کریم خان زند- خیابان قائم مقام فراهانی - خیابان مشاهیر - پلاک ۵۱ کد پستی ۱۵۸۹۸۶۳۳۱۶
تلفن: ۲۷ - ۸۸۳۲۲۶۲۶-۰۲۱ دورنگار: ۸۸۳۲۲۶۲۸ -۰۲۱
Web Site.www.iasco.ir E-mail.info@iasco.ir



گلسافر (سهامی خاص)
پیمانکار تاسیسات برقی، مکانیکی و نصب تجهیزات صنعتی

تاریخ: ۹۴/۰۶/۰۸
شماره: ETC-۵۳-۹۴-۱۸۷۳
پیوست: ------

TÜV INTER CERT
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007
HSE-MS

به نام خدا

تقدیر نامه

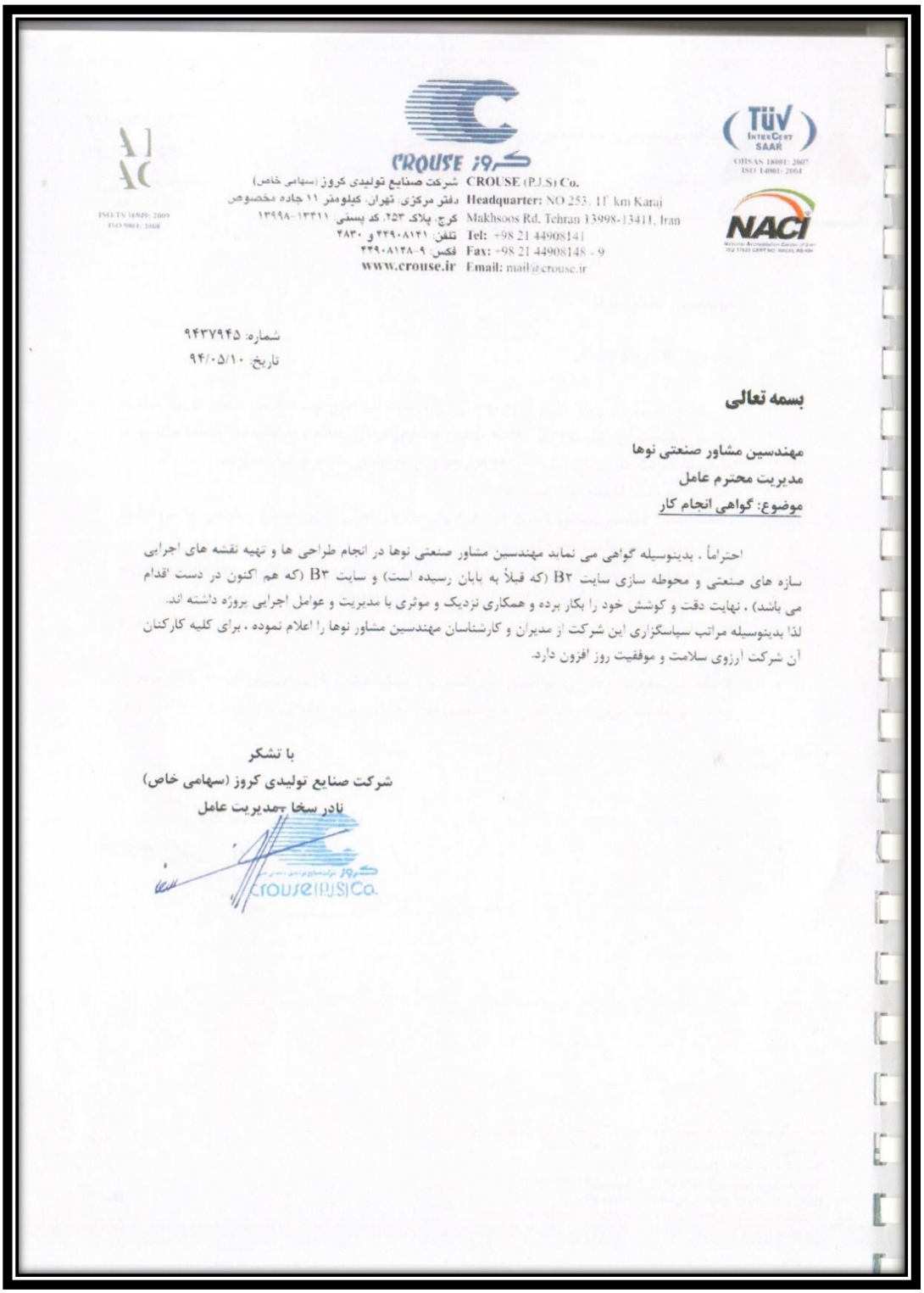
بدینوسیله گواهی می نماید مهندسین مشاور صنعتی نوها طی موافقتنامه مورخ ۱۳۸۷/۰۸/۱۵ انجام مطالعات مهندسی پایه و تفصیلی، طراحی سیویل فونداسونها، سازه های فلزی، بالک های جرثقیل های سقفی تا ۱۵۰ تن، تهیه نقشه های کارگاهی و نظارت عالیه توسعه کارگاههای فولاد سازی ذوب آهن اصفهان کلیه مراحل را با موفقیت کامل به انجام رسانیده است.

برخورد متین و دلسوزانه، همکاری مؤثر در جلسات فنی پروژه و کوشش صمیمانه در به ثمر رساندن طرح موجب قدر دانی و تشکر از کلیه مدیران و کارکنان شرکت مهندسین مشاور صنعتی نوها می باشد.

مصطفی مرآت
رئیس هیئت مدیره

شرکت گلسافر سهامی خاص

آدرس: تهران-خیابان ولیعصر-بالاتر از میدان ونک- کوچه جلیل زاده- شماره ۲۲- واحد ۳- کدپستی ۱۹۶۹۷۵۴۵۸۵- تلفن و فاکس: ۸۸۸۷۱۳۴۶-۸ golsafar@yahoo.com



CROUSE کروز

شرکت صنایع تولیدی کروز (سهامی خاص) CROUSE (P.J.S) Co.
دفتر مرکزی: تهران، کیلومتر ۱۱ جاده مخصوص کرج، پلاک ۲۵۳، کد پستی ۱۳۹۹۸-۱۳۴۱۱ Headquarter: NO.253, 11th km Karaj Makhsoos Rd. Tehran 13998-13411, Iran
تلفن: ۴۴۹۰۸۱۴۱ و ۴۸۳۰ Tel: +98 21 44908141
فکس: ۴۴۹۰۸۱۴۸-۹ Fax: +98 21 44908148 - 9
www.crouse.ir Email: mail@crouse.ir

شماره: ۹۴۳۷۹۴۵
تاریخ: ۹۴/۰۵/۱۰

بسمه تعالی

مهندسین مشاور صنعتی نوها
مدیریت محترم عامل
موضوع: گواهی انجام کار

احتراماً ، بدینوسیله گواهی می نماید مهندسین مشاور صنعتی نوها در انجام طراحی ها و تهیه نقشه های اجرایی سازه های صنعتی و محوطه سازی سایت B۲ (که قبلاً به پایان رسیده است) و سایت B۳ (که هم اکنون در دست اقدام می باشد) ، نهایت دقت و کوشش خود را بکار برده و همکاری نزدیک و موثری با مدیریت و عوامل اجرایی پروژه داشته اند.
لذا بدینوسیله مراتب سپاسگزاری این شرکت از مدیران و کارشناسان مهندسین مشاور نوها را اعلام نموده ، برای کلیه کارکنان آن شرکت آرزوی سلامت و موفقیت روز افزون دارد.

با تشکر
شرکت صنایع تولیدی کروز (سهامی خاص)
نادر سخا - مدیریت عامل

بسمه تعالی

از : ساعد (معاونت مهندسی وطرحهای توسعه)

به : مهندسین مشاورصنعتی نوط

موضوع : تقدیرنامه

شماره : ۱-۰۱/۷-۱۸/٤/۱۵/۱۵۰۵

تاریخ : ۹/۸/۸

جمهوری اسلامی ایران

وزارت دفاع وپشتیبانی نیروهای مسلح

سازمان صنایع دفاع

مجتمع صنایع اصفهان

ضمن تأئید اینکه مهندسین مشاورصنعتی نوط درا جرای تعهدات قراردادی خود در رابطه با پیمانهای مشروح زیر :

- پیمان شماره ٤-٦٨-١٣٥/٥٠٢ مورخ ٦٢/٧/٥
- پیمان شماره ٣-١-٢١-٣٠٩/١٥٠٤ مورخ ٦٢/٩/١
- پیمان شماره ٣-٢٩-٣١٩/١٤/١٤٠١ مورخ ٦٣/١٢/٢٨

نهایت کوشش را به منظور شناسائی، تهیه طرحهای اجرائی لازم، نظارت برساخت واجرای پروژه های تأسیسات زیربنایی وتصفیه خانه های بزرگ آب وفاضلاب مجتمع صنایع اصفهان وسایرعملیات موضوع پیمانهای فوق الذکربعمل آورده ودرتکمیل وراه اندازی وبهره برداری رساندن آن پروژه ها موفق بوده اند بدینوسیله ازمدیران وهمکاران آن مشاورکه درسختترین شرایط سالهای ۱۳٦۲ تا ۱۳٦۹ توانسته اند درغیاب کارشناسان خارجی ذیربط مشکلات اجرائی کارها را با صمیمیت، حسن نیت، مدیریت صحیح وبکارگیری دانش فنی وخدمات مهندسی کارشناسان وسازندگان وپیمانکاران ایرانی با موفقیت برطرف نمایند قدردانی نموده وتوفیق آن مهندسین مشاور را درتداوم ارائه خدمات مهندسی به کشورا سلامی ایران از خداوندمنان مسئلت مینماید ٪

ومن الله التوفیق

مدیر عامل سازمان صنایع دفاع - مهدی باقریان

گیرنده

سازمان برنامه وبودجه جهت اطلاع .

SUGARCANE & BY-PRODUCTS DEVELOPMENT CO.

شرکت توسعه نیشکر و صنایع جانبی

تاریخ ۲۵/۱۱/۸۴
شماره ۲۴۲۸۶

بسمه تعالی

گواهی انجام کار

بدینوسیله گواهی میشود مهندسین مشاور صنعتی نوها مطالعات مهندسی مراحل اول ، دوم و سوم (نظارت کارگاهی و نظارت عالیه) و سایر خدمات مهندسی مورد نیاز سایتهای صنعتی شعیبیه ، امیرکبیر ومیرزا کوچک خان در استان خوزستان را طبق شرح خدمات مندرج در قرارداد شماره ۹۲۵/۱۱۱/۵۵۳ مورخ ۱۳۷٤/۸/۱۸ در مورد ساختمانهای اداری و صنعتی و تاسیسات مکانیکی و برقی و تاسیسات زیربنائی و تصفیه خانه های فاضلاب سایتهای مذکور به درستی انجام داده و برای حل مسائل و مشکلات این پروژه ها ،رسیدگی به دعاوی و صورت وضعیتهای پیمانکاران متعدد ، هماهنگی با سایر مهندسان مشاور شرکت توسعه نیشکر و صنایع جانبی کمال همکاری را با این مدیریت بعمل آورده است .

بدینوسیله از زحمات مدیران ،کارشناسان و تکنسینهای مهندسین مشاور صنعتی نوها که با سعی و کوشش صمیمانه خدمات مهندسی ارجاع شده را به انجام رسانیده اند قدردانی میشود .

علیرضا بنائی
مدیر پروژه محوطه و
ساختمانهای صنعتی ، اداری و مسکونی

۱۴-۶۵۹۲/۴۹۳۷
۲۵ بهمن ۱۳۸۴

No.60, Brazil Ave., Tehran Tel.: 8777103 - 8797897 Fax: 8798493
تهران : خیابان برزیل ، پلاک ۶۰ تلفن : ۸۷۷۷۱۰۳ - ۸۷۹۷۸۹۷ دورنگار : ۸۷۹۸۴۹۳

فالق صنعت

پیمانکار عمومی (سهامی عام)

تاریخ : ۱۳۸۵/۰۱/۱۴ شماره : ۸۴/۴۴/ ۵ پیوست :

به : شرکت مهندسین مشاور نوها
جناب آقای مهندس زارع

موضوع : تقدیر نامه

با سلام

بدینوسیله از زحمات جناب عالی و تیم همکار آن شرکت مستقر در سایت سلمان فارسی که در انجام عملیات محوطه نهایت دقت و کوشش را نموده اند تقدیر میگردد. امید است تا پایان کار روابط همچنان حسنه و کار مثل گذشته روند خوبی داشته باشد.

با تشکر
محمد تقی ابیکچی
مدیر پروژه سلمان فارسی

۱۵-۱۲۷/۷۱۰۵
۱۳۸۵ فروردین ۱۴

ISO9001
REGISTERED FIRM

تهران ، ضلع شمالی بلوار میرداماد، پلاک ۱۸۵/۱ کدپستی : ۱۹۱۹۹۱۳۸۸۸ صندوق پستی: ۹۸۳ـ ۱۴۳۳۵
تلفن : ۹۶ـ ۲۲۶۹۹۹۰ دورنگار: ۲۲۶۹۹۷۶
Falegh@Falegh.com WWW.Falegh.com

Images of implemented projects

طراحی و نظارت بر احداث صنایع کشاورزی و غذایی

کارخانه شکر شعیبیه- خوزستان- استحصال شکرخام از نیشکر با ظرفیت ۱۰۰،۰۰۰ تن در سال

کارخانه تولید کاغذ اسناد بهادار

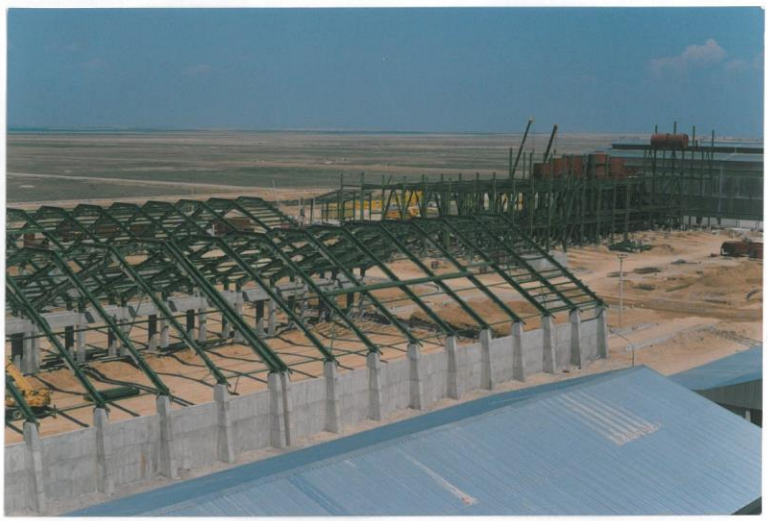
Securities paper production

Salman Farsi Sugar Factory

پروژه کوثر

نمایی از فعالیت اکیپهای ساخت پروژه زیر سقفی

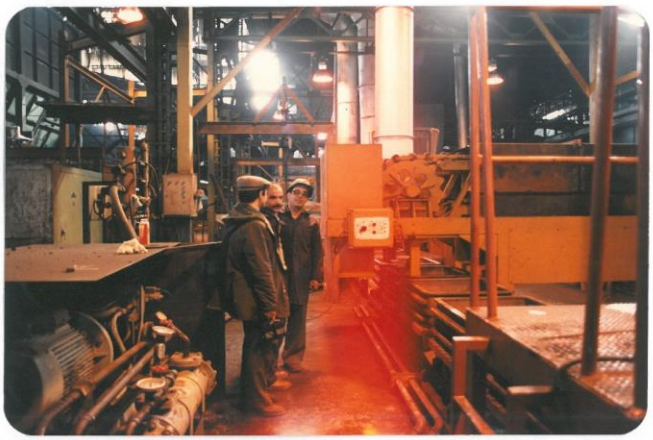
طراحی و نظارت بر ساخت و نصب سازه های صنعتی



سالن های تولید کارخانه شکر شعیبیه

انبار شکرخام میرزاکوچک خان

طراحی و سرپرستی نصب و راه اندازی واحدهای صنعتی



نماهایی از خط تولید اتوماتیک ریخته گری چدن

طراحی و مدیریت اجرای پروژه های تصفیه آب

تصفیه خانه آب مجتمع صنایع رزین شهر

The development plan of the turbine blade (beam) production plant

Ray redevelopment plan

Sahand Jam glass factory in Tabriz

MAPNA industrial turbocompressor factory (TOGA)

Sangan Pellet Factory 1 (Imidro)

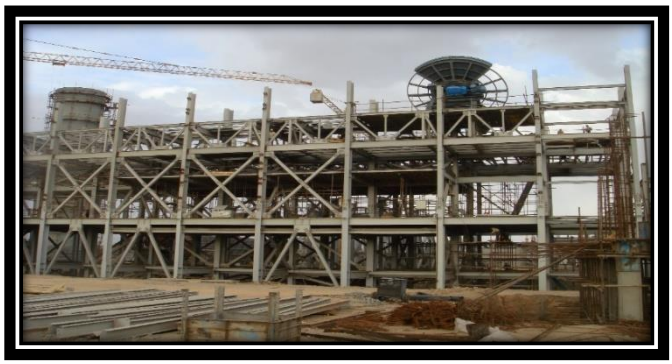
Golsafer project - development of production halls in Isfahan iron factory

Golgohar pelletizing project

Sangan Pellet Factory 2 (Mobarakeh Steel Complex)

Service office buildings of Mirazkochak Khan industrial site and sugar factory

Saman Gharb Cement Factory – Kermanshah



Golgohar pelletizing project

Iran Alloy Steel Factory – Yazd

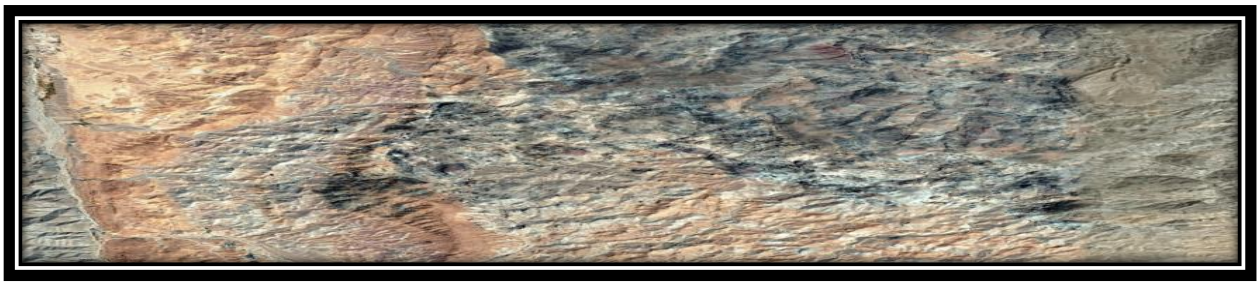

Cruise factories development plan (one)



Cruise factories development plan (two)







Satellite photo of Nakheel Ab Zahedan chromite mine - carrying out geophysical operations and creating an access road


Sirjan Steel Research and Training Center - Fekur Sanat Company

Pouladenvin Madan Poya Company

About Pouladenvin Madan Puya Company

The activity of this company started in November 2018 with the partnership of Mr. Alireza Pouyan as the chairman of the board of directors and Mr. Masoud Rashidi as the vice chairman of the board of directors. The main business of this trading company is iron ore and its derivatives such as pellets and concentrates and It is mining.

This company owns the license for the exploitation license of the Part mine and the exploration license for the Cheshme Pirizi mine, located in Yazd province, Bafaq city.

Among the main commercial contracts of this company, the following can be mentioned:

1- Clearing of granulated and lumped iron ore with pellets of Central Iron Ore Company

2- Purchase of 230,000 tons of iron ore from Iran's specialized parent company for the production of raw materials and nuclear fuel.

3- Selling 600,000 tons of concentrate to Iranian Butiai Steel Company

4- Clearance of 1,000,000 tons of iron ore with pellets to Isatis Mineral Industrial Development Pioneers Company

5- Clearance of 400,000 tons of pellets of Hadid Middle East Company

6- Purchase of 2,332 tons of iron ore from Shokofa Sanat Poya Company

7- Purchase of 130,00 tons of iron ore from Payam Avaran Novin Madan company

8- Purchase of 2,000 tons of iron ore from South Khorasan Company

9-Purchase of 61,000 tons of iron ore from Taksha Kavash Seng J company

10- Purchase of 65,000 tons of iron ore from Iran's specialized parent company for the production of raw materials and nuclear fuel

11- Purchase of 230,000 tons of iron ore from Iran's specialized parent company for the production of raw materials and nuclear fuel

12- Purchase of 60,000 tons of iron ore from Iran's specialized parent company for the production of raw materials and nuclear fuel

13-Sale of 50,000 tons of pellets to Mashkat Nasr Ghaem Company

14- Sale of 62,362 tons of pellets to Bafaq Iron and Steel Complex Mining Company

15- Sale of 29,903 tons of pellets to Arfa Iron and Steel Company

16- Selling 20,937 tons of pellets to Royder Mining and Industry Company

17- Purchase of 250,000 tons of hematite-magnetite ore from Central Iron and Steel Company

18-Selling 500,000 tons of iron ore with a weight recovery of over 55% to Central Iron ore Company

The purchased stones are either sold directly or after converting them into pellets or concentrates.

Shokofa Sanat Banyan Nano Structure Company

About the flourishing nanostructure of Sanat Bayan

In 2019, Shokofa Sanat Banyan Nano Structure Company was established with the cooperation of international researchers of nano materials, engineers with experience in metallurgy of non-ferrous metals and one of the well-known companies in Kerman province. This company has set up its equipment and production line in a factory with an area of 3000 square meters located in the city of Kerman. This company is the inventor and the first producer of lead-based nanocomposite anodes using the solid state method. The manufacturing method of these customized anodes has advantages over the conventional methods of manufacturing anodes:

۱. Solid state method based on rolling

۲. Affordable

The advantage of anodes compared to commonly used examples:

- High Quality

- Yield strength more than 2.5 times that of conventional lead anodes
- More than 2 times the working life of conventional lead anodes
- Reduction of contamination in cathode and electrolyte products
- Less electric current and the possibility of applying higher current density

-energy consumption

- Minimal use of fossil energy in the production of lead anodes
- Reduction of electrical energy consumption per ton of cathode product

-the environment

- Reduction of lead consumption
- The possibility of recovery and reuse of used anodes
- Using a factory air filter and purifier
- Not using flame furnaces in production

-economic efficiency

- Reducing production costs by reducing energy consumption
- Increasing the production efficiency of the cathode product
- Increased production with the possibility of establishing a higher current density

The main fields of activities of Sanat Banyan Nano Structure Company

- Production of a wide range of nanocomposite anodes used in the refinery and leaching industries for extraction of non-ferrous metals.
- X-ray protection products used in industry and medicine.
- Gamma ray protection products used in defense industries.
- Manufacturing and repairing steel cathode blanks used in electrorefining industries.
- Consultancy, design, construction and implementation of extraction workshops from copper mines by hydrometallurgy method.
- Consultation, installation and operation of production lines of copper wire and sections.
- Troubleshooting and reverse engineering of industrial parts.

Services of Nano structure knowledge base company:

- I Physical and chemical suitability of blank steel
- Consulting in the design, construction and implementation of workshops for extraction from copper mines by hydrometallurgy method
- Consulting in the design, production and implementation of reforms of copper ingot and wire factories
- Preparation of birth certificate of parts and products and design and implementation of reverse engineering protocols based on sustainable development in order to localize consumer parts of Erzbar.
- Test design and implementation of comprehensive analysis protocols in order to identify and evaluate materials, consumable parts and manufactured products by using a wide chain of specialized laboratories.
- Diagnosing the complications of manufactured products in different departments and preparing monitoring and structural monitoring databases
- Preparation of diagnostic reports and parts destruction analysis

Customers:

National Iranian Copper Industries Company
Sarcheshme Copper Refinery
-Sarcheshme copper leaching
-Liching Midok
-Khatunabad Copper Refinery
Babak copper complex
Zarin Industrial and Mining Group
-Company on the Middle East
-Company on Iranians
Nethersazan Roy Zanjan Company

Honors:

Chosen of the third Shatab festival
identification and empowerment of selected ideas
Chosen by Danesh Banyan Company

Negin Gohar Kohbad Pouyan Company

Introduction of Negin Gohar Kohbad Pouyan company

Nagin Gohar Kohbad Pouyan Company was established in 1400. Considering the position of Iran's mines and the very good ranking in the mineral resources of the world, and with the benefit of modern knowledge and the use of modern technology in the field of exploration, extraction and processing, the effort is to achieve a significant share of production with effective activity. internal and export of minerals in the form of supplying feed to factories or the final product in the country. Relying on the technical knowledge and high expertise of its experienced experts, this company always tries to provide services up to international standards, and by training and educating skilled workers in the field of exploration, extraction and processing, it makes its name at the level of mining companies. to raise the credibility of Iran and the world.

Goals

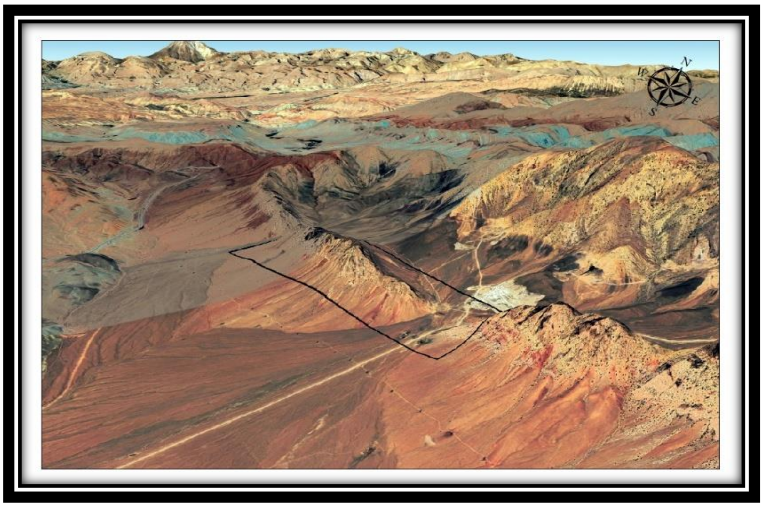
One of the characteristics of any system is its purposefulness and foresight. Every organization should think about its future from the beginning. This thinking is sometimes metaphorized by managers to the organization and sometimes it is manifested in the planning process as strategic planning. In the process of strategic planning, goal setting is one of the basic steps, and with those goals, the employees of the organization can be connected to the future and the stakeholders can be informed about their interests.

Negin Gohar Kohbad Pouyan Company was formed by focusing on geology, exploration and extraction of mines and mineral industries, to create economic activities and develop and manage them in a way that brings proportional profitability for the beneficiaries.

This company takes steps in the direction of value creation with the goals of product production. Also, all its components should be monitored and guided by economic, expert and technological components.

Vision

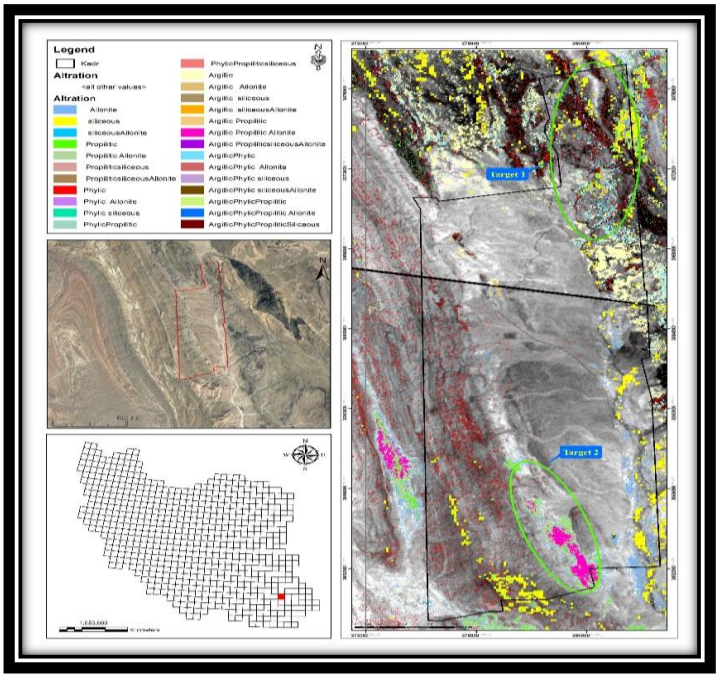
This company will be a leader in the field of geological development, exploration, mine design, extraction, export and import of minerals and will be one of the top companies in the country and will create new business units using the latest methods in the field of this company's activities. will develop According to the definitions of the Ministry of Industry, Mining and Trade, geological, exploration, mining and mining activities are in the field of metallic and non-metallic minerals, processing and engineering services. Also, the axis of its activities is based on the ranking system of companies in the country, which was established by the Ministry of Industry, Mining and Trade and by the Institute of Productivity and Human Resources Studies (according to the five factors of quality, price, accuracy, speed service and flexibility) which is the foundation of success.

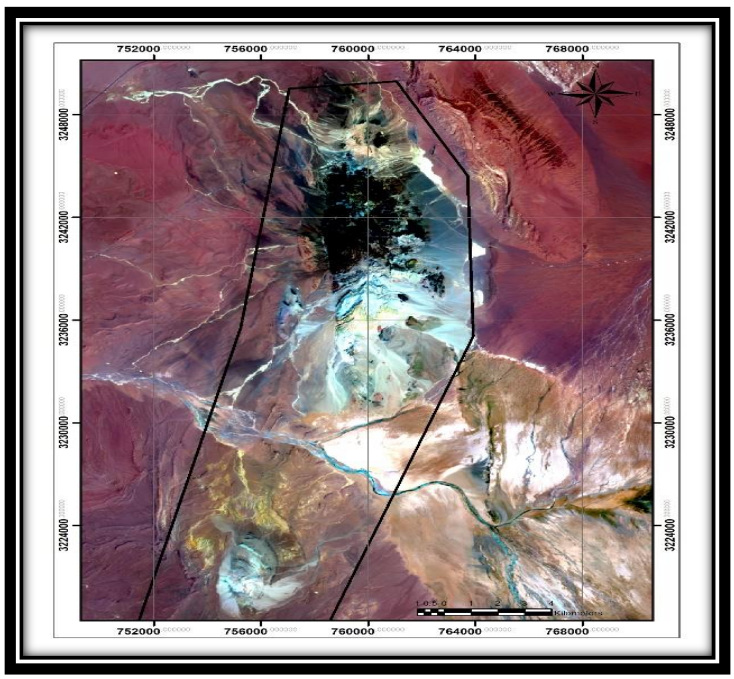


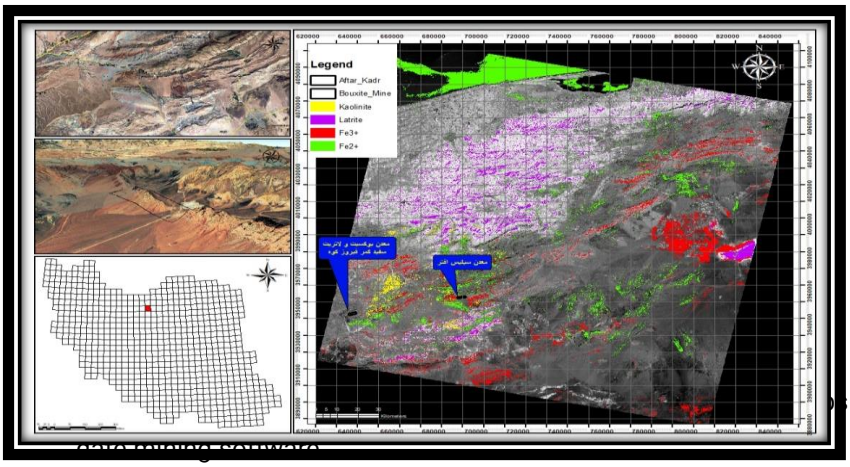
Field of activities

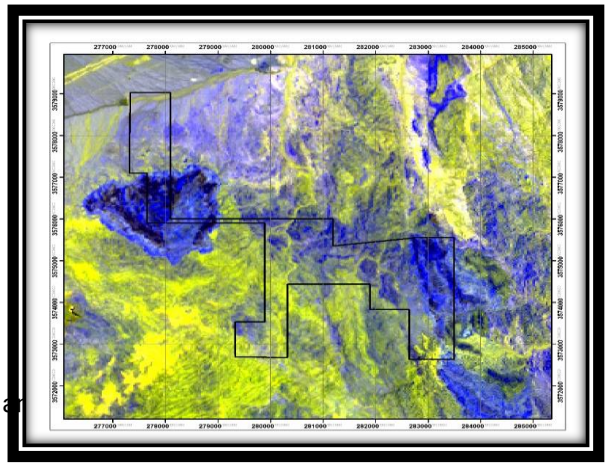
Exploration and geology:

- ✓ Planning and implementation of geological operations and systematic exploration
- ✓ Preparation of geological maps with different scales and related reports
- ✓ Sampling design, preparation of geochemical maps and related reports
- ✓ Conducting magnetometric geophysical studies, IP/RS and preparing related reports
- ✓ Telemetry studies and potential exploration areas
- ✓ Carrying out prospecting and hammering operations with the aim of identifying the location of metal and non-metal deposits in prone areas using standard exploration methods and using basic geological information.
- ✓ Carrying out preliminary surface explorations on the identified anomalies to identify possible deposits
- ✓ Carrying out semi-precious, precious and supplementary explorations in identified deposits using systematic methods.
- ✓ Designing and conducting surface exploratory excavations
- ✓ Designing and carrying out exploratory drilling, coring, logging and reporting of boreholes.
- ✓ Reserve estimation using up-to-date mining software according to Jorc and international standards
- ✓ Investigation and study of potential exploration areas, abandoned mines with the purpose of purchase or participation
- ✓ Investigating mines and mineral potentials in neighboring countries and other countries







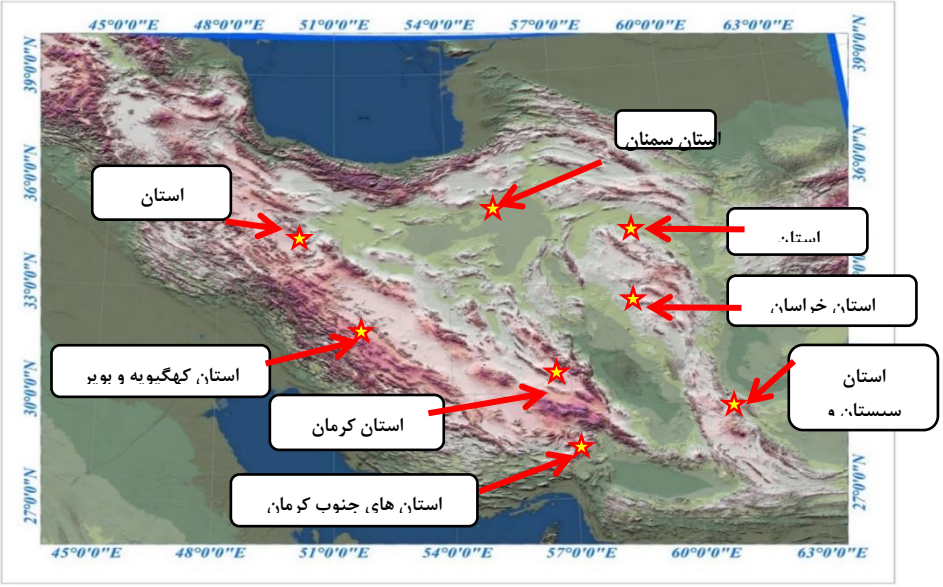


ore mining software

- ✓ Development of the mining sector according to the current needs and future trends of domestic and foreign consumer industries in line with other related economic sectors.
- ✓ Developing mining and contracting mines with different scales and creating mineral clusters
- ✓ Attention to the maintenance and prevention of the destruction and damage of mineral reserves and the environment, protecting the workforce as capital and improving the health and safety situation in mining activities according to the accepted culture and standards in mining operations.
- ✓ Prioritizing the provision of financial resources and budget allocation and the principled and practical implementation of projects with the aim of logically reducing the time period of mining and processing projects
- ✓ Technical and economic investigations of mines, reducing costs by expanding technical-specialized trainings and planning the use of new technologies in the mining and processing sector.
- ✓ Use of up-to-date mineral rules, norms and standards within the framework of sustainable development goals
- ✓ Investigating and identifying the relative advantage in different areas of the mining sector and turning it into a competitive advantage to enter global markets.

Export and import of minerals:

- ✓ Import and export with market studies of all kinds of minerals
- ✓ Development of mineral marketing and study on new target markets for various minerals
- ✓ Projects in progress (participation and exploitation)
- ✓ Provincial distribution of Nagin Gohar Company's ranges and mines on the digital map of Iran



محدوده های اکتشافی و معدنی شرکت نگین گوهر پویان					
ردیف	استان	استعلامات	در شرف صدور پروانه اکتشاف	پروانه اکتشاف	پروانه بهره برداری
۱	سمنان	۰	۰	۰	۲
۲	خراسان جنوبی	۱	۱	۴	۰
۳	خراسان رضوی	۰	۱	۰	۰
۴	سیستان و بلوچستان	۶	۰	۳	۰
۵	همدان	۰	۱	۰	۰
۶	کهگیلویه و بویر احمد	۱	۰	۰	۰
۷	کرمان	۰	۲	۰	۰
۸	جنوب کرمان	۰	۳	۰	۰

Projects under implementation by the company in South Khorasan province

Row	City	area (km2)	range name	the level	Mineral type
1	Khosef	1/95	Khosef	Phase 1 and 2 of exploration permit	Polymetal
2	Sarbishe	0/235	Makhonik	Phase 1 and 2 of exploration permit	Polymetal
3	Ferdous	90/41	Ferdous	Phase 3 and 4 of exploration permit	Polymetal
4	Nahbandan	2/44	Talaran	Phase 3 and 4 of exploration permit	Polymetal
5	Sarbishe	1/44	Lojonk	Exploration license is about to be issued	Polymetal
6	Nahbandan	14/98	Chabouk	block	Polymetal

Projects under implementation by the company in Sistan and Baluchistan province

Row	City	area (km2)	range name	the level	Mineral type
1	زاهدان	1/22	ملک آباد	مرحله ۱ و ۲ پروانه اکتشاف	Polymetal
2	زاهدان	182	جوزک	مرحله ۱ و ۲ پروانه اکتشاف	Polymetal
3	خاش	1/54	شکاری	مرحله ۱ و ۲ پروانه اکتشاف	Polymetal

Projects under implementation by the company in Sistan and Baluchistan province

ردیف	شهرستان	مساحت (km^2)	نام محدوده	مرحله	نوع ماده معدنی
۱	رفسنجان	۰/۰۹	رفسنجان ۲	مرحله ۱ و ۲ پروانه اکتشاف	پلی متال
۲	رفسنجان	۰/۱۵	رفسنجان ۱	مرحله ۱ و ۲ پروانه اکتشاف	سنگ آهك

The projects being implemented by the company in southern Kerman province

ردیف	شهرستان	مساحت (km^2)	نام محدوده	مرحله	نوع ماده معدنی
۱	منوجان- قلعه گنج	۷۴/۹	قلعه گنج	مرحله ۱ و ۲ پروانه اکتشاف	پلی متال
۲	رودبار جنوب	۳۰/۱۸	زه کلوت	مرحله ۱ و ۲ پروانه اکتشاف	پلی متال

Projects being implemented by the company in other provinces

ردیف	نام استان	شهرستان	مساحت (km^2)	نام محدوده	مرحله	نوع ماده معدنی
۱	خراسان رضوی	فریمان- مشهد	۱۴/۵۵	آبکوه	مرحله ۱ و ۲ پروانه اکتشاف	پلی متال
۲	سمنان	سرخه	۳/۶۵	سیلیس افتر	پروانه بهره برداری	سیلیس
۳	سمنان	سمنان	۴/۵۴	زئولیت عرشه	پروانه بهره برداری	زئولیت
۴	کهگیلویه و بویر احمد	بهمئی	۱۹/۲	کارند	استعلام منابع طبیعی	سلستین
۵	همدان	همدان	۸۷/۰۰	معروف	شرف صدور پروانه	پلی متال
۶	اصفهان	هاشم آباد	۲/۸۱	هاشم آباد	مرحله ۳ و ۴	پلی متال
۷	یزد	بافق	۲/۱۴	مرمریت ماهور	مجوز برداشت	مرمریت

Radmaedan Yekta Alborz Co

Introducing Yekta Alborz Rad Mining Company

Rad Madan Yekta Alborz Company was established based on activities in the mining and mineral industries sector. The goals and basis of the considered activities are as follows:

-Investing in the exploration of mineral areas and preparing technical and economic justification plans in the explored areas

Based on the technical, equipment, and financial capabilities included in this company, as well as the consortium contracts with active investors in the mining sector, investment in the exploration of areas that are approved by the company's expert team is carried out, and finally with specific Finding suitable mineral areas, technical and economic plans for investing in the extraction and processing of the discovered mineral are formulated.

-Identifying, examining and introducing suitable mineral areas to natural and legal persons for investment

Employing and using domestic and foreign experts with experience and expertise in the field of mineral exploration is and still is one of the main goals of the company, and based on this, appropriate mineral areas are identified and evaluated, and after expert reviews, the areas are approved. , is introduced for investment.

-Preparation and introduction of suitable economic plans in mining and mineral industries

The presence and use of an experienced team of experts in the fields of exploration, extraction, processing and trading of minerals, on the one hand, and increasing the relations of the group with the activists of the mining sector have created suitable conditions for the preparation and introduction of economic plans in the sector of mining and mineral industries. Investors can implement and invest in the proposed plans of the company by creating a relationship and contract.

-Consulting, supervision and implementation of exploratory operations in mining areas

The exploration team has a lot of useful records in the country's mining exploration sector. Also, the exploration equipment needed to carry out exploration operations is available in the collection. This group has the ability to advise, monitor and execute exploration operations, and the group's goal in this section is to increase accuracy, reduce execution time, and avoid spending unnecessary costs.

-Consulting, supervision and implementation of mining operations in mines

In the field of mining, for consultation and design of open pit mines, designer experts are used who have had the appropriate executive experience in the country's mines, and for the supervision and supervision of operations, the considered team has had a lot of experience in Iran's large mines. In order to carry out mining operations, the company has contracts with a number of contractors in different operational sectors (drilling and blasting, loading and transportation, etc.).

- **Consultation, supervision and implementation of mineral processing operations**

-Trade of mineral products

-Legal advice related to mines and related industries

Goals

One of the characteristics of any system is its purposefulness and foresight. Every organization should think about its future from the beginning. This thinking is sometimes metaphorized by managers to the organization and sometimes it is manifested in the planning process as strategic planning. In the process of strategic planning, goal setting is one of the basic steps, and with those goals, the employees of the organization can be connected to the future and the stakeholders can be informed about their interests.

Negin Gohar Kohbad Pouyan Company was formed by focusing on geology, exploration and extraction of mines and mineral industries, to create economic activities and develop and manage them in a way that brings proportional profitability for the beneficiaries.

This company takes steps in the direction of value creation with the goals of product production. Also, all its components should be monitored and guided by economic, expert and technological components.

Vision

This company will be a leader in the field of geological development, exploration, mine design, extraction, export and import of minerals and will be one of the top companies in the country and will create new business units using the latest methods in the field of this company's activities. will develop According to the definitions of the Ministry of Industry, Mining and Trade, geological, exploration, mining and mining activities are in the field of metallic and non-metallic minerals, processing and engineering services. Also, the axis of its activities is based on the ranking system of companies in the country, which is established by the Ministry of Industry, Mining and Trade and by the Institute of Productivity and Human Resources Studies (with

Paying attention to the five factors of quality, price, accuracy, service speed and flexibility) which is the foundation of success.

Field of activities

Exploration and geology:

- ✓ Planning and implementation of geological operations and systematic exploration
- ✓ Preparation of geological maps with different scales and related reports
- ✓ Sampling design, preparation of geochemical maps and relevant reports
- ✓ Conducting magnetometric geophysical studies, IP/RS and preparing related reports
- ✓ Telemetry studies and potential exploration areas
- ✓ Carrying out prospecting and hammering operations with the aim of identifying the location of metal and non-metal deposits in susceptible areas using methods
- ✓ Standard exploration and use of basic geological information
- ✓ Carrying out preliminary surface explorations on the identified anomalies to identify possible deposits

- ✓ Carrying out semi-precious, precious and supplementary explorations in identified deposits using systematic methods.
- ✓ Designing and conducting surface exploratory excavations
- ✓ Designing and carrying out exploratory drilling, coring, logging and reporting of boreholes.
- ✓ Reserve estimation using up-to-date mining software according to Jorc and international standards
- ✓ Investigation and study of potential exploration areas, abandoned mines with the purpose of purchase or participation
- ✓ Investigating mines and mineral potentials in neighboring countries and other countries

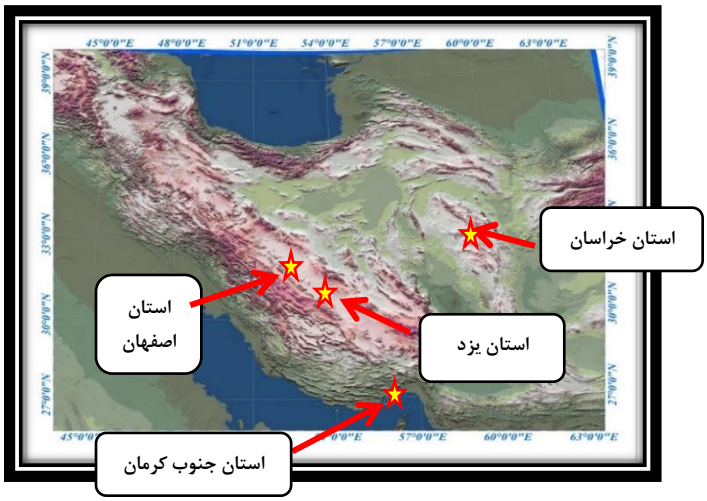
Mining and processing sector:

- ✓ Mine design and presentation of final pit maps and executive maps and mineral economic evaluation using up-to-date mining software.
- ✓ Development of the mining sector according to the current needs and future trends of domestic and foreign consumer industries in line with other related economic sectors.
- ✓ Developing mining and contracting mines with different scales and creating mineral clusters
- ✓ Attention to the maintenance and prevention of the destruction and damage of mineral reserves and the environment, protecting the workforce as capital and improving the health and safety situation in mining activities according to the accepted culture and standards in mining operations.
- ✓ Prioritizing the provision of financial resources and budget allocation and the principled and practical implementation of projects with the aim of logically reducing the time period of mining and processing projects
- ✓ Technical and economic surveys of mines, reducing costs by expanding technical-specialized trainings and planning the use of new technologies in the mining and processing sector.
- ✓ Use of up-to-date mineral rules, norms and standards within the framework of sustainable development goals
- ✓ Investigating and identifying the relative advantage in different areas of the mining sector and turning it into a competitive advantage to enter global markets.

Export and import of minerals:

- ✓ Import and export with market studies of all kinds of minerals
- ✓ Development of mineral exploration and study on new target markets for various minerals

Provincial distribution of company ranges



Projects under implementation by the company

Mineral type	the level	range name	Area (km2)	City	province name	Row
Polymetal	Step 3 and 4	Deh salam	14/34	Nahbandan	southern Khorasan	1
Polymetal	Step 3 and 4	Basiran	3/02	Khosef	southern Khorasan	2
Polymetal	Exploration license renewal	Sargaz	0/47	Jiroft	South of Kerman	3
Polymetal	Step 3 and 4	Hashem Abad	2/81	Hashem Abad	Esfahan	4
Marble	Withdrawal permit	Marmarit Mahor	2/140	success	Yazd	5

Saman Copper South Co

About the southern copper system

Saman Mes South Company was formed based on activities in the mining and mineral industries sector. The goals and basis of the considered activities are as follows:

-Investing in the exploration of mineral areas and preparing technical and economic justification plans in the explored areas

Based on the technical, equipment, and financial capabilities included in this company, as well as the consortium contracts with active investors in the mining sector, investment in the exploration of areas that are approved by the company's expert team is done and finally with specific Finding suitable mineral areas, technical and economic plans for investing in the extraction and processing of the discovered mineral are formulated .

-Identifying, examining and introducing suitable mineral areas to natural and legal persons for investment

Employing and using domestic and foreign experts with experience and expertise in the field of mineral exploration is and still is one of the main goals of the company, and based on this, appropriate mineral areas are identified and evaluated, and after expert reviews, the areas are approved. , is introduced for investment .

-Preparation and introduction of suitable economic plans in mining and mineral industries

The presence and use of an experienced team of experts in the fields of exploration, extraction, processing and trading of minerals, on the one hand, and increasing the relations of the group with the activists of the mining sector have created suitable conditions for the preparation and introduction of economic plans in the sector of mining and mineral industries. Investors can implement and invest in the proposed plans of the company by creating a relationship and contract .

-Consulting, supervision and implementation of exploratory operations in mining areas

The exploration team has a lot of useful records in the country's mining exploration sector. Also, the exploration equipment needed to carry out exploration operations is available in the collection. This group has the ability to advise, monitor and execute exploration operations, and the group's goal in this section is to increase accuracy, reduce execution time, and avoid spending unnecessary costs.

-Consulting, supervision and implementation of mining operations in mines

In the field of mining, for consultation and design of open-pit mines, designer experts are used who have had the appropriate operational experience in the country's mines. To supervise and supervise the operation, the considered team has had a lot of experience in the big mines of Iran. In order to carry out mining operations, the company has contracts with a number of contractors in various operational sectors (drilling and blasting, loading and transportation, etc.) .

-Consulting, supervision and implementation of mineral processing operations

-Trade of mineral products

-Legal advice related to mines and related industries

Goals

One of the characteristics of any system is its purposefulness and foresight. Every organization should think about its future from the beginning. This thinking is sometimes metaphorized by managers to the organization and sometimes it is manifested in the planning process as strategic planning. In the process of strategic planning, goal setting is one of the basic steps, and with those goals, the employees of the organization can be connected to the future and the stakeholders can be informed about their interests.
Negin Gohar Kohbad Pouyan Company was formed by focusing on geology, exploration and extraction of mines and mineral industries, to create economic activities and develop and manage them in a way that brings proportional profitability for the beneficiaries.
This company takes steps in the direction of value creation with the goals of product production. Also, all its components should be monitored and guided by economic, expert and technological components.

vision

This company will be a leader in the field of geological development, exploration, mine design, extraction, export and import of minerals and will be one of the top companies in the country and will create new business units using the latest methods in the field of this company's activities. will develop According to the definitions of the Ministry of Industry, Mining and Trade, geological, exploration, mining and mining activities are in the field of metallic and non-metallic minerals, processing and engineering services. Also, the axis of its activities is based on the ranking system of companies in the country, which was established by the Ministry of Industry, Mining and Trade and by the Institute of Productivity and Human Resources Studies (according to the five factors of quality, price, accuracy, speed service and flexibility) which is the foundation of success
.

Field of activities

Exploration and geology:

- ✓ Planning and implementation of geological operations and systematic exploration
- ✓ Preparation of geological maps with different scales and related reports
- ✓ Sampling design, preparation of geochemical maps and related reports
- ✓ Conducting magnetometric geophysical studies, IP/RS and preparing related reports
- ✓ Telemetry studies and potential exploration areas
- ✓ Carrying out prospecting and hammering operations with the aim of identifying the location of metal and non-metal deposits in prone areas using standard exploration methods and using basic geological information.
- ✓ Carrying out preliminary surface explorations on the identified anomalies to identify possible deposits

- ✓ Carrying out semi-precious, precious and supplementary explorations in identified deposits using systematic methods.
- ✓ Designing and conducting surface exploratory excavations
- ✓ Designing and carrying out exploratory drilling, coring, logging and reporting of boreholes.
- ✓ Reserve estimation using up-to-date mining software according to Jorc and international standards
- ✓ Investigation and study of potential exploration areas, abandoned mines with the purpose of purchase or participation
- ✓ Investigating mines and mineral potentials in neighboring countries and other countries

Mining and processing sector:

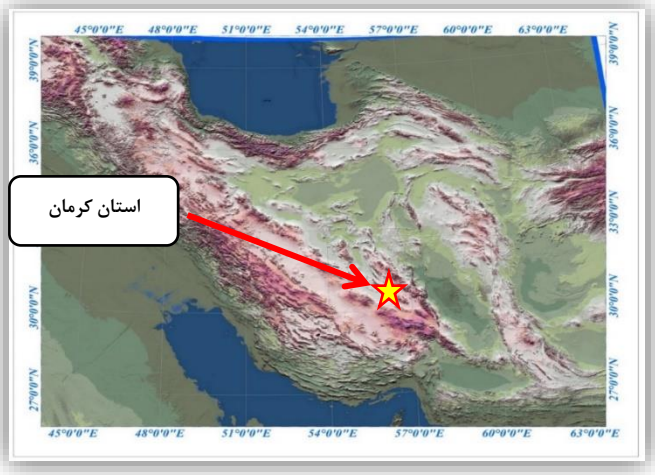
- ✓ Mine design and presentation of final pit maps and executive maps and mineral economic evaluation using up-to-date mining software.
- ✓ Development of the mining sector according to the current needs and future trends of domestic and foreign consumer industries in line with other related economic sectors.
- ✓ Developing mining and contracting mines with different scales and creating mineral clusters
- ✓ Attention to the maintenance and prevention of the destruction and damage of mineral reserves and the environment, protecting the workforce as capital and improving the health and safety situation in mining activities according to the accepted culture and standards in mining operations.
- ✓ Prioritizing the provision of financial resources and budget allocation and the principled and practical implementation of projects with the aim of logically reducing the time period of mining and processing projects
- ✓ Technical and economic investigations of mines, reducing costs by expanding technical-specialized trainings and planning the use of new technologies in the mining and processing sector.
- ✓ Use of up-to-date mineral rules, norms and standards within the framework of sustainable development goals
- ✓ Investigating and identifying the relative advantage in different areas of the mining sector and turning it into a competitive advantage to enter global markets.

Export and import of minerals:

- ✓ Import and export with market studies of all kinds of minerals
- ✓ Development of mineral marketing and study on new target markets for various minerals

Projects in progress (participation and exploitation)

Provincial distribution of areas of Saman Mes South Company in the digital map of Iran



Projects under implementation by the company

Registered mineral type	the level	range name	area (km2)	City	province name	Row
Granite and copper	Operation license	Green	۲٫۱۴۴	Sirjan	Kerman	۱