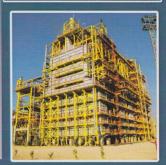
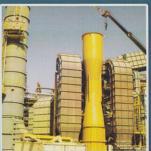






ایرکست - شاونبرگ تهران www.ircast-schauenberg.com







دودکش

🔸 فاز ۱۲ میدان گازی پارس جنوبی (به ارتفاع صد متر)

پایت رک

- 🔷 پتروشیمی آریا ساسول (الفین نهم)
 - 🔸 پتروشیمی جم (الفین دهم)
 - پروژه LDPE کردستان

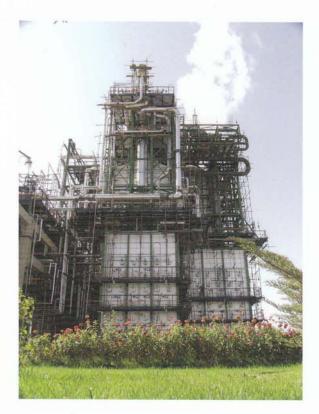
رون مرزی:

- ♦ تجهیزات Convection پروژه BP-GOFAR آلمان
 - سازه های فلزی پایپ رکهای پروژه
 SKIKDA الجزیره
 - سازه های فلزی رکهای تجهیزات پروژه شرق عربستان

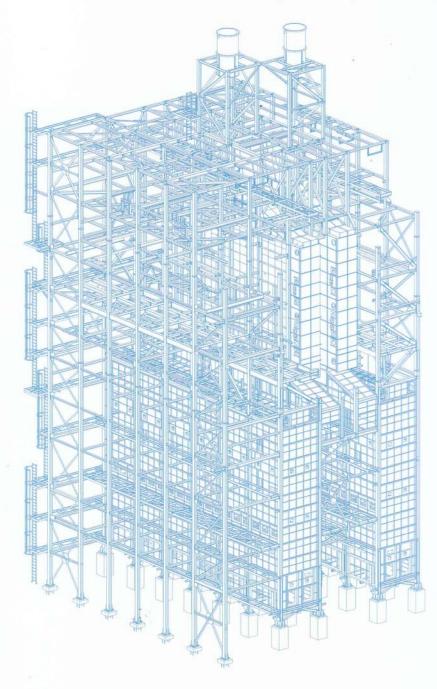


ايركست شاونبرك

(شركت سها مي خاص)







• طراحي تفصيلي، ساخت، نصب و نظارت براي:

- 🚪 کوره های صنایع نفت، گاز و پتروشیمی
 - کوره های فرآیندی و پالایشگاهی
- کوره ها و فلرهای سوزاننده گازهای آلاینده محیط زیست
 - داکت ها و دودکش ها
- پایپ رک ها، سازه های نگهدارنده تجهیزات، سازه های کلد باکس- سکوهای کار و نردبان ها
 - سازه های سنگین فولادی برای نیروگاه ها و سایر صنایع



شركت ما:

ایر کست شاونبرگ تهران در خرداد ماه ۱۳۸۱ به عنوان یک شرکت سهامی خاص ایرانی به ثبت رسیده و توانسته به نحوی شایسته و موفق،طراحی، ساخت و نصب سازه های سنگین فولادی برای نفت، گاز و پتروشیمی را به انجام برساند.

ایر کست شاونبرگ با بیش از ۱۵۰ نفر کارکنان خود، خدماتی را در بالاترین سطح کیفیت به مشتریانش در این حرفه عرضه کرده است. مهندسان و متخصصان این شرکت در واحدهای طراحی و ساخت از میان گروهی صاحب صلاحیت انتخاب شده اند که توسط شرکت شاونبرگ در آلمان آموزش دیده اند.

کارگاه ایرکست شاونبرگ با مساحتی بیش از ۲۴,۰۰۰ متر مربع در جنوب ایران، نزدیک خلیج فارس در منطقه ویژه اقتصادی پتروشیمی بندر امام، واقع شده و به لحاظ موقعیت مکانی، این امتیاز را دارد که به سهولت به سایت های پتروشیمی و کارخانجات صنعتی اصلی، دسترسی داشته و از تجهیزات و امکانات حمل و نقل زمینی و دریایی برخوردار باشد.

دفتر مرکزی و دفتر طراحی ما، در تهران واقع شده است.

دفتر طراحي مهندسي:

گروه طراحی و مهندسی ما، برای مدل سازی سه بعدی و طراحی تفصیلی پروژه ها از نرم افزارهای حرفه ای از جمله PDMS, X-Steel, BOCAD, Auto CAD استفاده می کند.

پس از طراحی مدل سه بعدی، گروه طراحی مهندسی، مدارک فنی ساخت از جمله نقشه های کارگاهی، مونتاژ و نصب را به همراه سایر مدارک فنی مرتبط؛ شامل فهرست مواد اولیه، فهرست های شماره گذاری قطعات، به طور مستقیم از مدل های سه بعدی استخراج و استفاده می کند. فعالیت های گروه طراحی مهندسی ما بر اساس استانداردها و کدهای محلی و بین المللی مانند: IPS، API، ASTM ،DIN ، ASME ، AISC، AWS صورت می پذیرد.

تا پایان سال ۲۰۰۹ این شرکت پروژه های متعددی شامل تجهیزات و سازه ها را بر اساس طراحی پایه شرکت های معتبر و مشهور مهندسی؛ از جمله شرکت های Linde AG آلمان، Linde Impianti ایتالیا، Stone & Webster Ltd را ساخته و تحویل داده است و پروژه مربوط به شرکت Stone & Webster Ltd

در دست اجراست

ظرفیت معمول و متداول واحد طراحی مهندسی ما، در حدود ۱۰٬۰۰۰ تن در سال است.

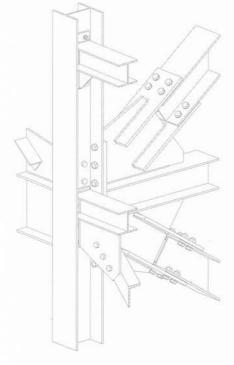
در شرکت ایرکست شاونبرگ، با توجه به مهارت بسیار بالای دفتر طراحی، کارشناسان این واحد در پروژه های مختلف با شریک آلمانی ما (شاونبرگ) همکاری می کنند.

کارگاه ساخت:

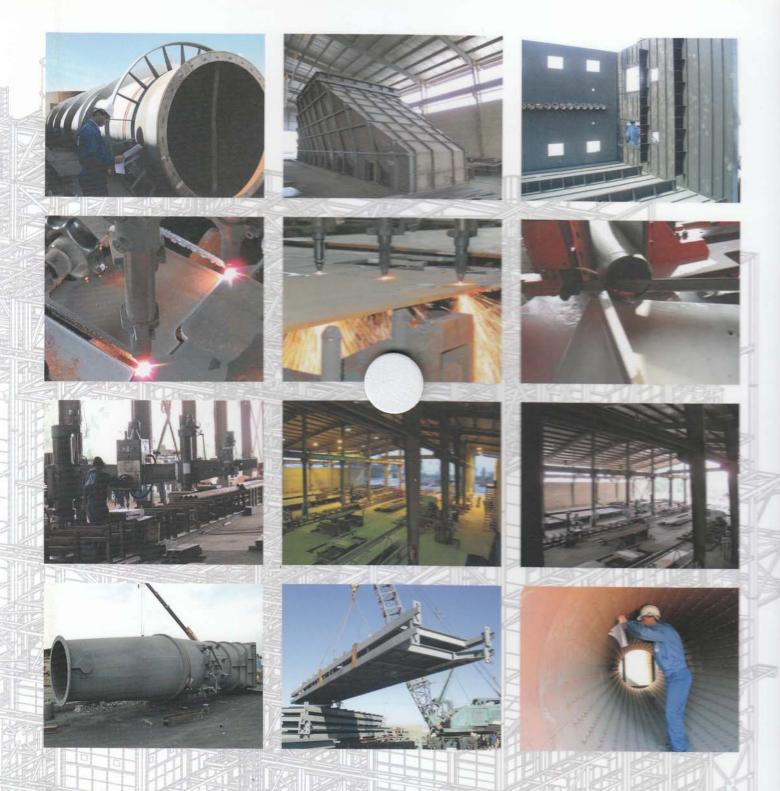
علاوه بر کارکنانی که در کارگاه اصلی ماهشهر، فعالیت می کنند، با توجه به روند افزایش ظرفیت و ضرورت حفظ کیفیت تعهد شده، ما از وجود نمایندگان آموزش دیده و با صلاحیت در کارگاههای پیمانکاران فرعی خود در اراک، اصفهان، تهران و دبی، بهره می بریم.

سرپرستان کارگاه و کارکنان فنی ما، در آلمان آموزش دیده اند و برنامه زمانبندی برای حضور آنان در دوره های به روز رسانی و ارتقاء دانش فنی به طور پیوسته و مداوم برای آنها در نظر گرفته شده است.

ظرفیت معمول کارگاه ماهشهر، در منطقه ویژه اقتصادی پتروشیمی، بالغ بر ۴۵۰۰ تن در سال، ساخت سازه های فولادی کوره و پانل های مربوط به آن و ۶۰۰۰ تن در سال، ساخت سازه های نگهداری تجهیزات و لوله است.





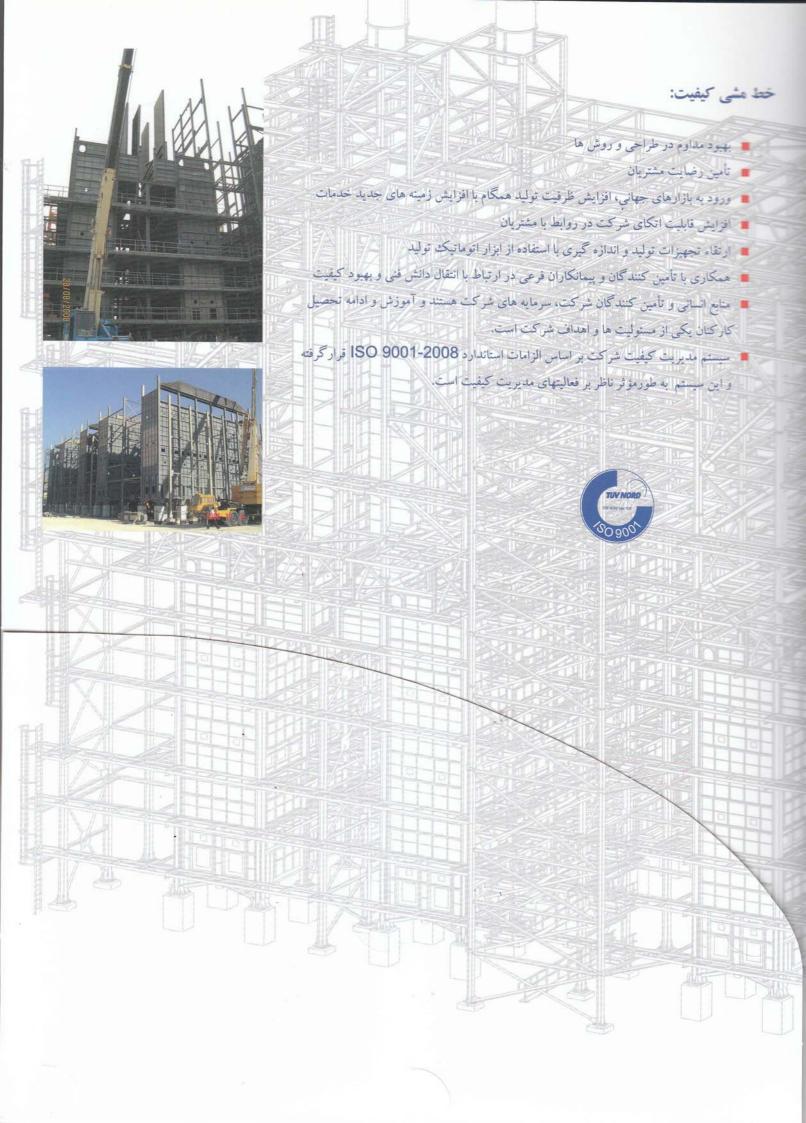


مأموريت:

شرکت ایر کست شاونبرگ، در پروژه های نفت، گاز و پتروشیمی، عرضه و تحویل محصولات و خدمات با بالاترین سطح کیفیت را در اولویت قرار داده است. در این شرکت، ما خود را به بهبود مداوم کیفی در توانمندی در طراحی، مهندسی تدارک و ساخت، نصب و عرضه محدمات راه اندازی واحدها، متعهد می دانیم و این امر را از طریق ارتقاء سطح دانش کارکنان و بهبود کیفیت تجهیزات تولید و همچنین انتخاب دقیق تأمین کنندگان و پیمانکاران فرعی، قابل تحقق می سازیم.

چشم انداز:

چشم انداز ما، حضور مؤثر و همه جانبه در صنایع انرژی ایران و منطقه در جایگاه یک سازمان فنی و مهندسی طراز اول با اعتبار جهانی است.



Our company:

IRCAST-SCHAUENBERG Tehran was established in May 2002 as an Iranian private joint stock company and has successfully performed design, fabrication and erection of heavy steel structures for Oil, Gas and petrochemical projects.

IRCAST-SCHAUENBERG with more than 150 employees, provides services to his clients at the highest level of quality in this profession. The company engineers and experts at design and fabrication departments who are selected among experienced competent people have also been trained by our partner in Germany.

IRCAST-SCHAUENBERG workshop with more than 24,000 sq. m area is located in southern part of IRAN, close to the Persian Gulf, at Bandar Emam Special Petrochemical Zone and posses the advantage of easy access to the major industrial petrochemical sites, and sea & land transportation facilities.

Our head office and design office are in Tehran.

Design Office:

Our engineering & design team utilizes professional softwares including AutoCAD, BOCAD, X-Steel, PDMS for 3D modeling & detail design of the projects.

After modeling, the team provides the shop, assembly and erection drawings along with their relevant material, sort and part lists directly from the 3D model.

Our engineering and design activities are based on international and domestic standards and codes such as IPS, API, ASTM, DIN, ASME, AISC, AWS where applicable.

We have designed several projects including; furnaces & equipment, structures as per basic design by famous engineering companies same as: Linde AG, Linde Impianti Italia SpA, Tchnip Benelux, ITT SpA and Stone & Webster Ltd.

Conventional potential of our design office is about 10,000 tons/year.

projects our team has taken part along with our German partner SCHAUENBERG GmbH when required.

Considering the high level of proficiency at IRCAST-SCHAUENBERG design office, for a number of

Work Shop:

Rather than the staffs who are working in our main workshop in Mahshahr, we have qualified and trained representatives at our subcontractors' shops in the region, Arak, Esfahan, Tehran and Dubai, to increase our capacity where required with keeping our committed quality.

Our shop supervisors and technical staffs have been trained in Germany; and have scheduled attendance to the updating programs continually.

The conventional potential of our workshop in PET zone is: 4,500 tons/year for furnaces steel structures and 6,000 tons/year for pipe & equipment racks steel structures.



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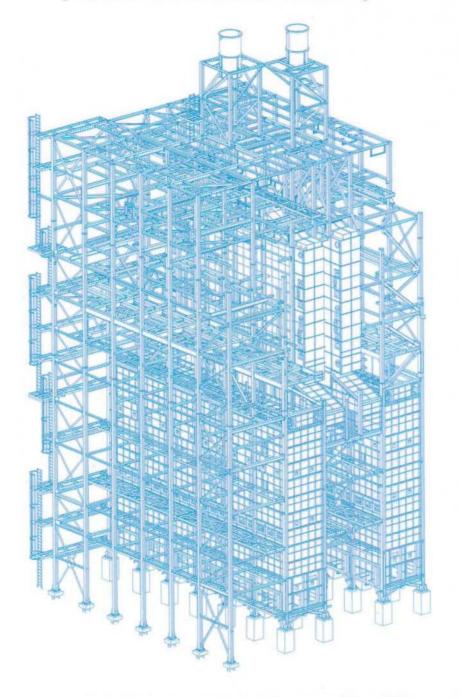
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IRCAST SCHAUENBERG (PJS)

(JOINT VENTURE COMPANY)







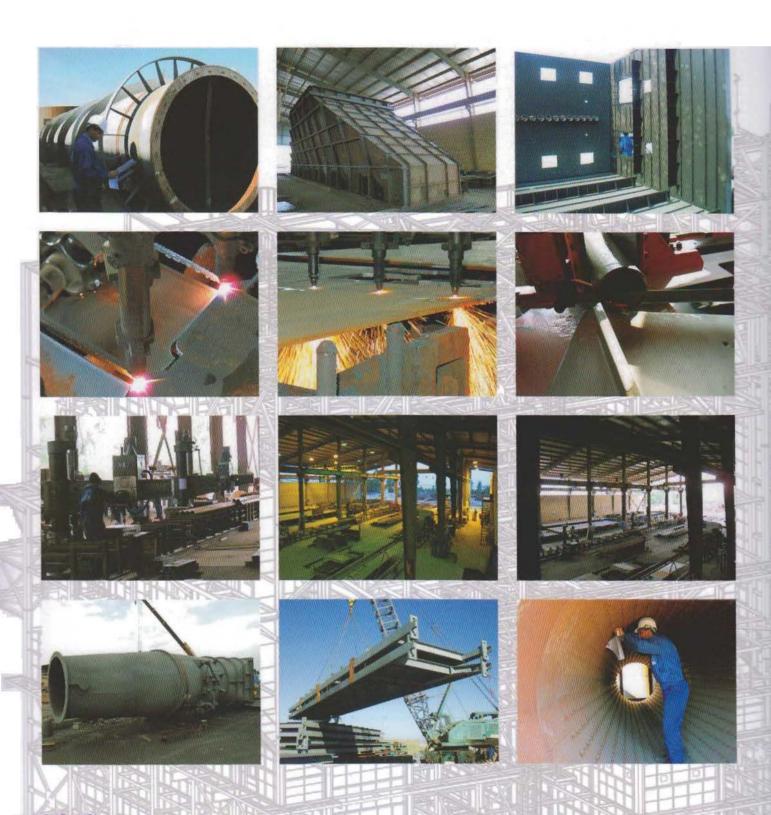




Detail Design, Fabrication, Erection & Supervision for :

- Petrochemical, Gas & Oil Industry Furnaces & Heaters
- Process & Refinary Furnaces
- Reformers
- Flares
- Ducts & Stacks
- Pipe Racks, Equipment Racks, Cold Boxes, Platforms & Ladders
- Heavy Steel Structures of Power Stations & Other Industries
- Process Design of Hydrocarbon Heaters



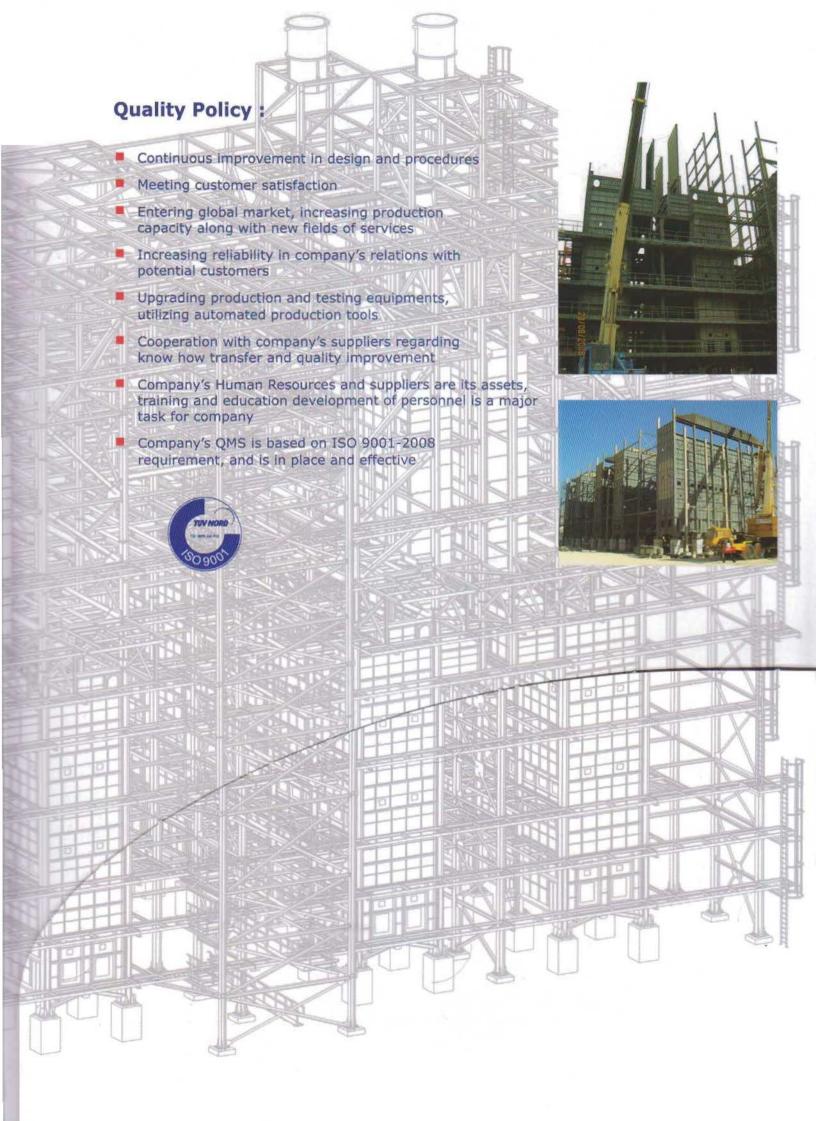


Mission:

IRACST-SCHAUENBERG company sets priority on delivering the highest quality of products and services to the projects in the Oil, Gas & Petrochemical industries; at our company we commit to continually improve of our capability in design, procurement engineering and fabrication, erection and commissioning services, by upgrading our staff expertise and production facilities, as well as careful selection of our suppliers and subcontractors.

Vision:

Profound and effective presence in the area & Iranian energy industries as a first tier technical & engineering organization with global credibility





Managing Director Message;

The world is changing all around us. To continue to thrive us a business over the next ten years and beyond, we must look ahead, understand the trends and forces that will shape our business in the future and move swiftly to prepare for what's to come. At Ircast Schauenberg we must get ready for tomorrow today. Some lessons we have learned after ten years are:

- 1) The satisfaction of the client has an ongoing role in market success and longevity. Quality and appropriate pricing are key factors to client satisfaction.
- 2) Management's cooperation with client in solving problems and helping to maintain the smooth operations of projects will create client satisfactions and trust. Our success derives from the strength of this satisfaction and by consistently producing superior operating results.
- 3) Our human resources are the fundamental investment of our firm. The continuing education of our colleagues not only enhances their knowledge and expertise but also adds to our intellectual capital. We build value for our shareholders through its employees by creating an atmosphere of optimism, teamwork, creativity and resourcefulness.
- 4) The enhancement of our resources and potential are the guarantor of continuity and progress of our firm in the addition to the maintaining of low prices. Arresting our future development will only insure our disappearance in the marketplace.
- 5) Appropriately guiding subcontractors and suppliers toward cooperating in reaching client goals and company purposes are key to project success.
- 6) We attempt to develop cost-effective solution that will meet the unique present and future requirements of our clients. To accomplish this, we investigate all reasonable options. Where appropriate, we seek out new technologies and design customized engineering tools. We strive to offer excellence in the design and delivery of engineering services.
- 7) Our presence in foreign markets and establishing international relation can be a counterweight to fluctuations in local conditions and safeguard our company. We are committed to establishing our presence abroad and will take all measures to ensure this result.

We will continue to grow our organization and serve our customers at a fair profit using the same uncompromising standards of excellence have made us the company we are today.

TEN MORE



10th Olefin furnaces of Jam Petrochemical Complex

4500 tons
Ordered by Nargan/Technip
Design, Material Supply , Fabrication & Delivery to job-site and Erection Supervision
Assaluyeh / IRAN
Mar. 2003 to Jul. 2004



Pipe racks of 10th Olefin of Jam Petrochemical Complex

950 tons
Ordered by Nargan/Technip
Design, Material Supply , Fabrication & Delivery to job-site and Erection Supervision
Assaluyeh / IRAN
Jul. 2004 to Jan. 2005



Pipe racks of LDPE plant of pars Petrochemical Complex (Aria Sasol)

1000 tons
Ordered by Nargan/Technip
Design, Material Supply , Fabrication & Ex-Work
delivery
Assaluyeh / IRAN
Oct. 2004 to Mar. 2005



5thOlefin furnaces of Morvarid Petrochemical Co.

2000 tons
Ordered by Nargan/Technip
Design, Material Supply , Fabrication & Ex-Work
delivery and Erection Supervision
Assaluyeh / IRAN
Apr. 2005 to Apr. 2006







9th Olefin furnaces of Pars Petrochemical Complex (Aria Sasol)

3500 tons
Ordered by Nargan/Technip
Design, Material Supply , Fabrication & Delivery to job-site
Assaluyeh / IRAN
Mar. 2002 to Aug. 2003



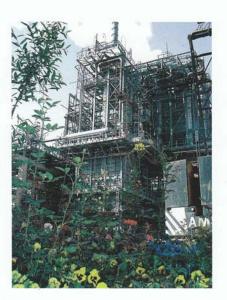
Pipe racks of 9th Olefin of Pars Petrochemical Complex (Aria Sasol)

2100 tons
Ordered by Nargan/Technip
Design, Material Supply , Fabrication & Ex-Work delivery
Assaluyeh / IRAN
Dec. 2002 to Oct. 2003



Two new furnaces for Arak Olefin Plant Expansion - Arak Petrochemical Complex

385 tons Ordered by Nargan/Technip Design, Material Supply , Fabrication & Delivery to job-site Arak/IRAN Mar. 2002 to Mar. 2003



Pipe racks of SKIKDA - ALGERIA

165 tons Ordered by Stahlbau Schauenberg.Gmbh Design& Material List Feb. 2004 to Mar. 2004





Plate working for Header-Boxes of 5 Ethylene furnaces of BP Gofer

70 tons
Ordered by Stahlbau Schauenberg.Gmbh
Material Supply , Fabrication , Delivery to Job-site in Kirchzarten
Germany
Apr. 2006 to Oct. 2006

Steel structures for Sharq Petrochemical Plant in Saudi Arabia

1450 tons Ordered by Stahlbau Schauenberg.Gmbh Design, Material Supply , Fabrication , Delivery to Job-site in Jubail Port Saudi Arabia Jun. 2006 to Apr. 2007



7500 tons
Ordered by KAVIAN Petrochemical Co.
Design, Material Supply , Fabrication & Ex-Work
delivery
Assaluyeh/ IRAN
Oct. 2006 to Oct. 2008

Flare systems for Shazand Arak Refinery Expansion Project

350 tons
Ordered by THERMOENGINEERING S.R.L.
Material Supply , Fabrication & Ex-Work delivery
Arak/IRAN
Apr. 2009 to Oct. 2009

Two furnaces: box-hoop coil & one cylindrical for Shazand Arak Refinery Expansion Project

152 tons
Ordered by Linde Impianti Italia SpA
Material Supply , Fabrication & Ex-Work delivery
Arak/IRAN
Jan. 2009 to Aug. 2009















Hydrogen Unit Reformers for Shazand Arak Refinery Expansion Project

932 tons
Ordered by Consortium of SAZEH/ODCC/SEI
Material Supply , Fabrication & Ex-Work delivery
Arak/IRAN
Mar. 2009 to Mar. 2010



Flare systems for Mansouri & Masjed- e Soleyman Oli Field Desalting Unit

47 tons
Ordered by THERMONGINEERING S.R.L For P.E.D.E.C.
Material Supply , Fabrication & Job-site delivery
AHWAZ/IRAN
Sep. 2008 to Oct. 2009



Ethylene Tanks Roof (Aluminium, Stainless Steel parts plus Suspending structures)

200 tons
Ordered by KAVIAN Petrochemical Co.
Material Supply, Fabrication, Ex-Work delivery
Assaluyeh /IRAN
Nov. 2009 to Mar. 2010



Olefin furnaces of ILAM Petrochemical Complex

3300 tons
Ordered by BINA Consulting Engineers / SPEC
Design, Material Supply , Fabrication & Ex-Work delivery and Erection Supervision
Illam / IRAN
Dec. 2009 to Apr. 2011(As Planned)





Steel Structures for Compressor Shelter of Phase 12th South Pars Gas Field Development 800 tons

Ordered by Nargan
Design, Material Supply, Fabrication, Painting & Packing
Assaluyeh/Iran
Feb. 2011 to May. 2011



Kordestan LDPE Steel Structures 1350 tons

Ordered by Nargan
Design Material Supply, Fabrication, Painting & Packing kordestan /Iran
Sep. 2011 to Mar. 2012



Two Stacks of Phase 12th South Pars Gas Field Development 1200 tons

Order by Nargan

Design Material, Fabrication, Painting & Packing, delivery and refractory at site Assaluyeh/Iran

Nov.2011 to Jul. 2012









QA/QC Department Organization & Activities:

The company quality department including shop QA/QC office has engineers and technologists who are trained to perform all requiring inspections for incoming materials,in-process and final products according to projects quality plans and procedures. Quality department works directly under supervision of the company managing director.

Quality department originates test and inspection documents for each project in association with engineering and project departments as per applicable standards, codes and contractual basis; after approval, these documents are effective for inspection and reporting purposes.

As per ISO 9001-2008 requirements, our company has set quality policy and assigned quality manager for internal audits and management reviews periodically to assure presence of the highest quality levels in the company services and products, and report areas for corrective / preventive actions and measures to maintain continuous improvement in the organization; the company also perform supplier selection programs and supplier audits to minimize the areas of defects in final products. For the company sub-contractors we usually assign third party inspectors and/or our quality staffs to have close control on their production quality.

The company considers training programs for operators and staffs based on their needs to develop their expertise and motive in their jobs.

Our QA/QC office is equipped with variety of measuring & calibration instruments and applies every kinds of requiring tests including NDT (PT, MT, UT, RT) for weld areas and also measuring kits for coating / paint thickness and characteristics.

Quality Policy:

- Continuous improvement in design and procedures
- Meeting customer satisfaction
- Entering global market, increasing production capacity along with new fields of services
- Increasing reliability in company's relations with potential customers
- Upgrading production and testing equipments, utilizing automated production tools
- Cooperation with company's suppliers regarding know how transfer and quality improvement
- Company's Human Resources and suppliers are its assets, training and education development of personnel is a major task for company.
- Company's QMS is based on ISO 9001-2008 requirement, and is in place and effective





QA/QC Department Organization & Activities:

Quality Assurance:

The company based on our quality policy is committed to utilize adequate and effective quality control for design, fabrication and erection to assure that every project is performed in strict accordance with all applicable codes and standards as well as customers specifications and ISO 9001-2008 requirements.





Mother Companies:

IRCAST Metallurgical Engineering Group (pvt)

No.6 - 5th Floor, Laleh Alley , East Brazil St. Tavanir Ave. 14357 13174 , Tehran - Iran www.ircastco.com



STAHLBAU SCHAUENBERG - The Company Group



Germany:

Stahlbau Schauenberg Gmbh

Head office , design office , workshop and erection department D-79199 Kirchzarten Wilhelm-Schauenberg-Str.15-17 www.Schauenberg.de

Wilhelm Schauenberg Gmbh

Design office and workshop D-79241 Ihringen , Gundlinger Str.42

Stahlbau Schauenberg Gmbh

Erection department D-04109 LEIPZIG, Otto-Schill-Str.7

Stahlbau Schauenberg Gmbh

Erection department D-67063 Ludwigshafen, Carl-Bosch-Str. 38, BASF- I 502



Iran:

IRCAST-SCHAUENBERG Tehran

Design office and workshop No. 6 Laleh Alley , East Brazil St.Tavanir Ave Tehran-14357 13174-Iran www.ircast-schauenberg.com



Czech Republic:

Halex-Schauenberg ocelové konstrukce s.r.o.

Design office, workshop CZ-26102 Pribram VI ,Husova 435 www.halex.cz

Halex-Schauenberg prúmyslové stavby s.r.o.

Industrial and turnkey buildings CZ-26102 Pribram VI ,Husova 435



Dubai:

Schauenberg Middle East

Design office, workshop P.O. Box 74918 Dubai U.A.E.

