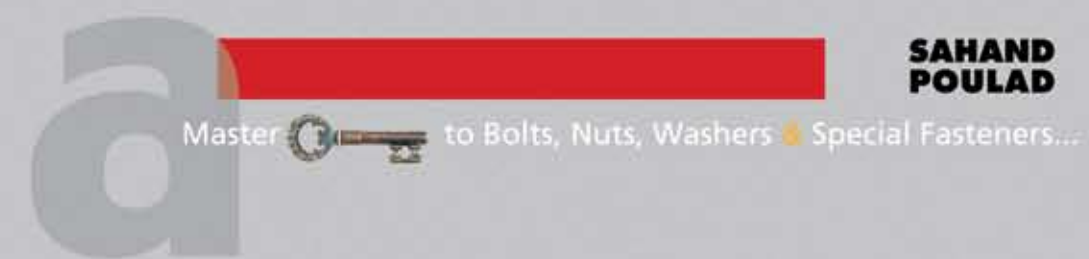




Bolts, Nuts, Washers & Special Fasteners

New edition **2007**



**SAHAND
POULAD**

Master  to Bolts, Nuts, Washers  Special Fasteners...



QUALIFICATION
OF CONTRACTOR
By
SIEMENS
Power Generation Group (KWU)
Hydro Power Plants
Marketing & Sales, Engineering, Service
Erlangen /São Paulo

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The motive behind my choice of profession, which is the production of bolts & nuts with standard qualities, is primarily, the delicate role it plays in the conservation of my country's national resources. My recommendation to the investors who deal in one way or another with machinery, equipment and steel structures is to be cautious not to jeopardize their valuable investments with the wrong choice of fasteners with low qualities.

*G. H. A. Nabavi
Founder & CEO*

January 2007, Tehran, Iran

a

brief history

Following a series of extensive studies and analysis of Iranian market requirements for industrial fasteners, Sahand Poulad Co. was founded in 1983.

The focal point of our activity was to make the necessary investments in financial & human resources areas and continue at the same time, extensive research works in order to achieve higher technological capabilities. This resulted in acquiring two international certificates i.e. EN ISO 9001-2000 issued by German RWTUV plus a Qualification of Contractor certificate from Siemens of Germany. Supply of high quality products under international standards has enabled Sahand Poulad to establish its distinctive class among products and factories who are aware of the sensitivity and significance of the industry.

Official recognitions by the Ministers of industries and other state officials have also had major impact in motivating serious attempts to further expand the range of Company products while maintaining and promoting the level of quality.

Skill and experience of the Company's management team and personnel, together with availability of most modern equipment with latest world technologies and access to an advanced quality control laboratory, enable us to produce a variety of parts in massive volumes or under specific orders with latest revisions of acceptable world standards.

- Production capacity : 3,500 Tons.
- No. of personnel: 125.
- Plant surface area: 20,000 square meters.
- Constructed area, halls & production lines: 10,000 square meters.



WE MAKE SOMETHING SPECIAL ...

Sahand Poulad

Bolts, Nuts, & Special Fasteners



The Right
TURN

TO
QUALITY



OIL, GAS & PETROCHEMICAL

Production of a wide range of bolts, stud bolts, nuts and forged plugs under latest versions of ANSI/ASME standards in a variety of grades including carbon, alloy, austenitic and ferretic steels, covering also the following standards

- ASTM A193/A193 M
- ASTM A320/A320 M
- ASTM A307
- ASTM A194/A194 M
- ASTM A563/ A563 M
- ASTM A105 & stainless steel grades for forged plugs

Size Range:

- Stud Bolts and Nuts :
 - Diameter from 3/8" to 4" and or M10 to M100
 - Length according to the customers request
- Bolts :
 - Diameter from 1/2" to 3" and or M16 to M76
 - Max. Length 600mm



Section 1



OFF-SHORE

Manufacture of a wide variety of industrial bolts and nuts, washers and stud bolts according to requested or specific standards, with particular specifications to be used in marine structure, oil rigs, sea bed transmission lines, Jackets..., with various coatings such as Electro zinc Bichromate, Hot Dip Galvanized, mechanically galvanized coating, Dacrotized, Phosphated and PTEF in line with material type and customers requirements. Above products will be available also in various Ferretic or Austenitic steel grades.

Size Range:

- Stud Bolts and Nuts :
 - Diameter from 3/8" to 4" and or M10 to M100
 - Length according to the customers request
- Bolts:
 - Diameter from 1" to 3" and or M16 to M76
 - Max. Length 600mm



Section 2



Sahand Poulad

AUTOMOTIVE INDUSTRY

Production of various types of bolts, nuts and special spacers and washers used in automotive industry.

- Heavy Road Construction Equipment : Caterpillar, Komatsu, Liebherr ... (complete set of plow bolts, cutting edge hardware, track chain bolts and relative nuts and washers, in standard sizes and grades)
- Bolts & nuts for cars/trucks wheels: Mercedes Benz, Volvo, Miler and etc. according to drawings and standards specified for such fasteners
- Bolts and nuts used in agricultural equipments: Tractors, Mini tractors, Combines, etc.



Section 3



Bolts & Nuts for Mercedes Benz & Volvo



Heavy Road Construction Equipments



HIGH STRENGTH BOLTING FOR STRUCTURAL APPLICATION

Manufacture of full range of bolts, nuts and steel washers with high tensile strength under DIN 6914, HV 10.9, DIN 6915, HV 10 and DIN 6916, used in steel structures, bridge construction, trusses, structural frame works and towers assembled with bolts, nuts and washers.

Above fasteners are manufactured also in other internationally recognized grades and standards such as:

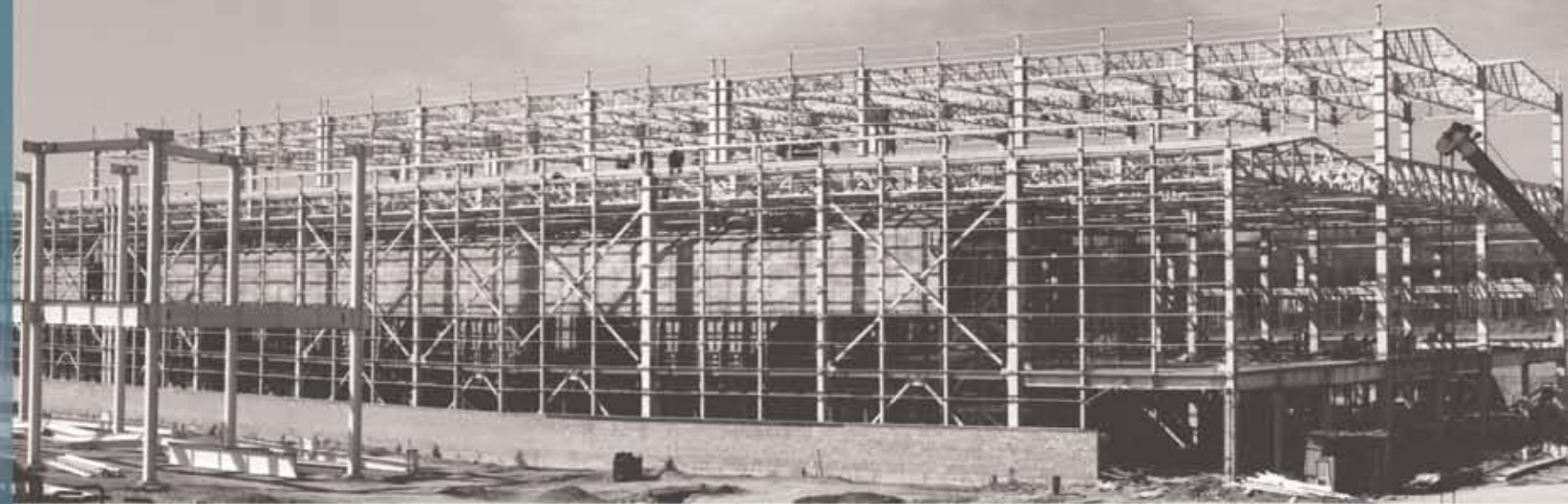
- ASTM A325/A325 M
- ASTM A490/A490 M

Section 4



Milad Tower-Tehran

Saypa Painting hall frame work, Tehran



HV-10.9



DIN 6914, HV-10.9 DIN 6915, HV-10 DIN 6916



Quality of it's own...

RAILWAY INDUSTRY

Sahand Poulad specializes in the manufacturing of fasteners for the railway industry. Our main focus is on the production of rail switching fasteners for several types of rails, in accordance to the relevant drawings.



Section 5

Railway switching fasteners



Sahand Poulad



Section 6



SPECIAL APPLICATION

Manufacture of a variety of specially designed industrial parts and joints according to drawings or samples under optimized process of Sahand Poulad technical know how. Design and manufacture of such parts are carried out by the Production Engineering Department to the customers full satisfaction. Industrial joints used in Steel mills, Cement factories, Timber & Paper industries, Aluminum Production companies, Machine making plants, Railway and Mines, fall within this range.



Special



- Oil, Gas & Petrochemical Refineries
- Steel Mills
- Cement Factories
- Timber & Paper Industries
- Aluminum Production Companies
- Machine Making Plants
- Railway
- Mines



OUR FACILITIES & SERVICES

Sahand Poulad company is equipped with several facilities which results in our responsiveness to the various needs of our customers. These facilities include:

- Hot Forging Plant
- Cold Forming Plant
- Rolling, Tapping & Special Machinery
- Die & Tool Making Shop(CNC & Universal machines)
- Bar Drawing Line
- Laboratory Machinery & Equipment
- Heat Treatment Plant





PRODUCTION LINE & HEAT TREATING PLANT

Our heat treatment facilities, which consist of continuous electrical furnaces with full atmosphere controls, enable us to provide the customers with a variety of services including:

- Hardening & Tempering
- Carburizing
- Carbonitriding
- Anti-Corrosion Blackening

Hardness & Metallographic tests will be performed on all heat treated items as part of the Furnace's control procedure.

OUR

ACCOMPLISHMENTS SO FAR...

Oil, Gas & Petrochemical Projects:

- Shahid Tondgooyan Project PTA -2
- Amirkabir Petrochemical Project Olefin Plant Phase 6
- Amirkabir Petrochemical Project Cooling Towers of Olefin Plant
- Mobeen Petrochemical Project
- South Pars Phases 2, 3, 4, 5, 6, 7 & 8
- Amirkabir Petrochemical Project Third Aromatic Plant
- Parsian Gas Refinery Project
- Jam Gas Refinery Project
- Khangiran Gas Refinery Expansion Project
- Machine Sazi Arak Oil & Gas Valves (Well Heads & Christmas Trees Projects)
- Machine Sazi Arak Gas Scrubbers Project
- Machine Sazi Arak Gas Filters Project
- Machine Sazi Arak Gas Separators Project
- Machine Sazi Arak Tanks, Vessels, Heat Exchangers Project
- Machine Sazi Arak Spherical Vessels and Towers Project
- Machine Sazi Arak Aboozar Oil Platform Project
- Machine Sazi Arak Jackets of Aboozar Oil Platform Project
- Bandar Emam Project PTA -1 Production Plant
- Urban Natural Gas Supply Project
- Natural Gas Transmission Line Project
- Natural Gas Pressure Alteration Station Bidboland Project
- Change of Joints in the Acid Absorption Pipeline
- Bidboland Project
- The Fourth Overall Pipeline Project for Transmission of Natural Gas
- Neka-Ray Project for Crude Oil Pump Stations and Pipeline Installations
- Salman Project
- Iran Kermanshah Petrochemical Project



Hydro Generator Projects

- Karoon Project
- Karkheh Project
- Massjed Soleiman Project

Bridge Projects

- Machine Sazi Arak Composite Plate Girder Bridge
- Machine Sazi Arak Abadan Pirozi River Bridge
- Machine Sazi Arak Bahmanshir River Bridge
- Machine Sazi Arak Tehran Shahid Hemmat Bridge
- Machine Sazi Arak Ahvaz Karoon III Bridge
- Machine Sazi Arak Plate Girder Orthotropic Steel Deck Bridges Span 20-60 Meters
- Jegine Bridge Project
- 116 Km Ghom-Kashan Bridge Project
- 118 Km Ghom-Kashan Bridge Project
- Gabric Bridge Project
- Mashkid Bridge Project
- Changooleh Bridge Project
- Darabad Bridge Project
- Osttor Bridge Project
- Raman Bridge Project
- Jam-Taheri Bridge Project
- Golestan-Niavaran Intersection Bridge Project
- Mianeh Bridges Project

Other Projects

- Tehran Milad TV Tower
- Supply of Fasteners & Spare Parts to Mobarakeh Steel Mill Complex
- Saypa Painting Hall Project
- Sina Glass Manufacturing Project
- Steel Structure for Ahvaz Round bar Steel Mill
- Kami 600 Wind Power Project
- Soliran's Steel Structural Projects

Fastening the world together...

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