

# REFERENCES

# INDUSTRIAL AUTOMATIONS

# IRAN

**Application:** Milling machine

**Connection date:** 2011

**Customer:** ESFAHAN STEEL

**Inverters:** DCREG.4,250A

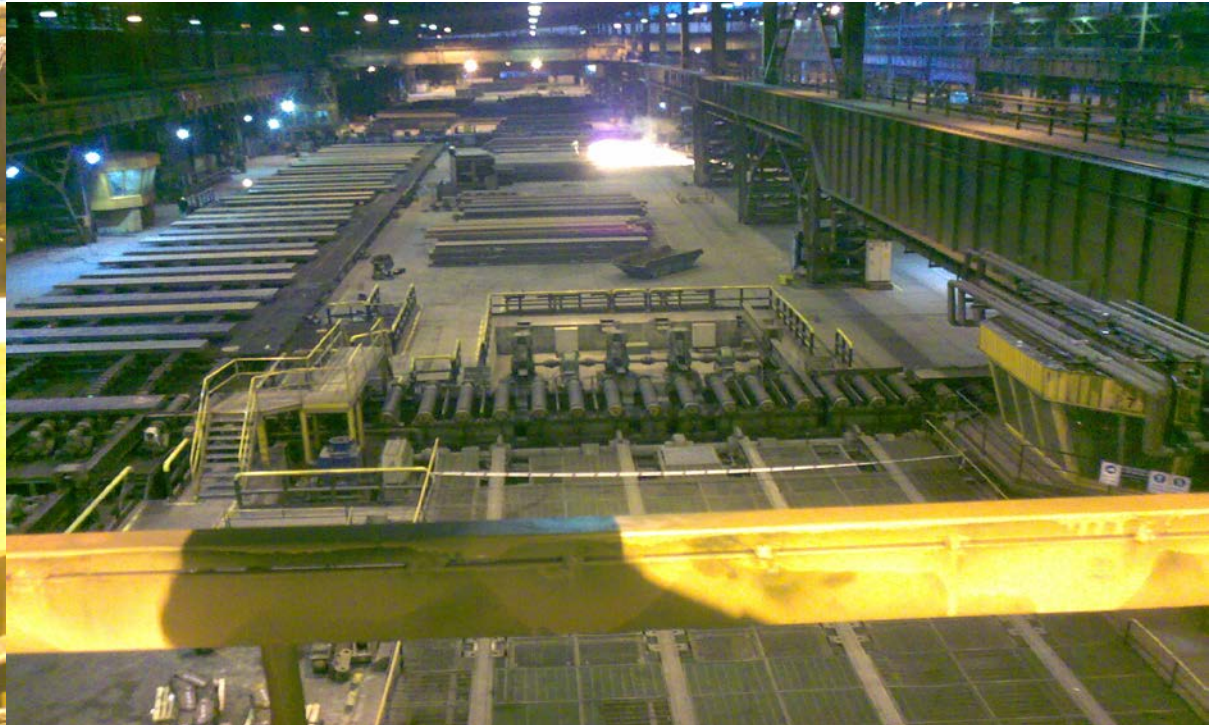


**Application:** Crane Clamp

**Connection date:** 2011

**Customer:** Esfahan's Mobarakeh Steel Company

**Inverters:** SINUS M 0025, 18.5KW



**Application:** Conveyor

**Connection date:** 2011

**Customer:** Arde Ghodse Razavi Co

**Soft Starter:** ASAC, 22KW

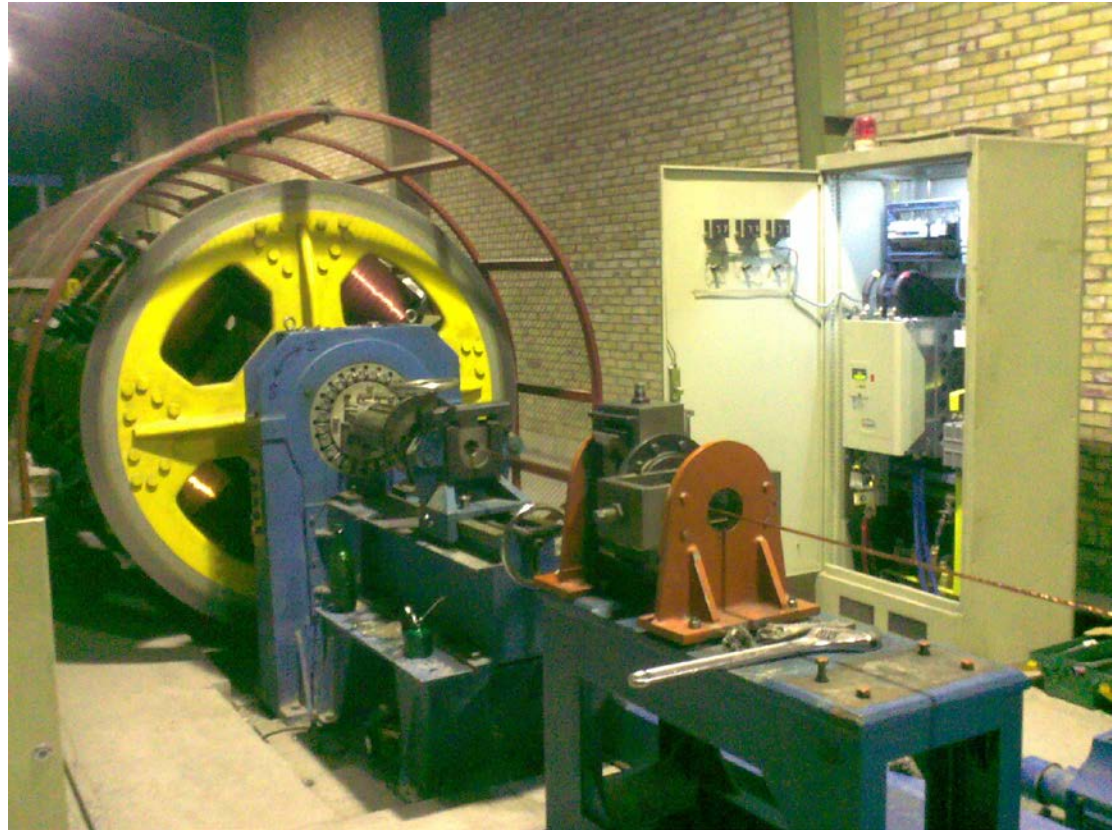


**Application:** Strander

**Connection date:** 2011

**Customer:** Kerman Volta Cable Co

**Inverters:** DCREG.4,500A



**Application:** Sugar Centrifuge

**Connection date:** 2011

**Customer:** urmieh sugar

**Inverters:** DCREG,4.900A



**Application:** Hot Rolling Mill

**Connection date:** 2011

**Customer:** Hadid Sadra Rolling Inc

**Inverters:** DCREG,4.600, 900A



**Application:** PUMP APPLICATION

**Connection date:** 2011

**Customer:** abfa-mazandaran

**Inverters:** AC Drive, SINUS PENTA 22Kw, 45Kw, 110Kw, 132Kw



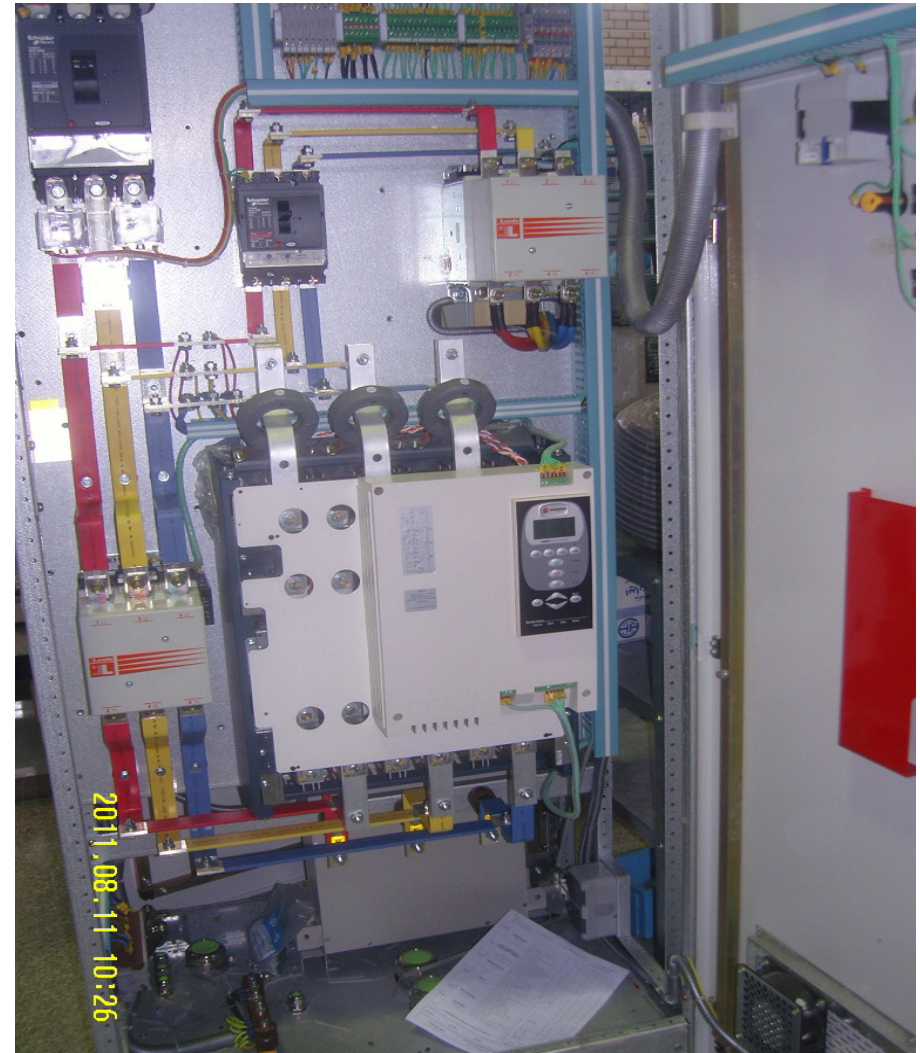


**Application:** PUMP & Submersible Pumps

**Connection date:** 2011

**Customer:** FARS PROVINCE WATER & WASTEWATER COMPANY

**Inverters:** ASAB Soft Starter and AC drive SINUS PENTA



**Application:** Sugar Centrifuge

**Connection date:** 2011

**Customer:** Khoy Sugar Company (Shahd)

**Inverters:** DCREG,4.900A



**Application:** Extruder WITH 70% ENERGY SAVING

**Connection date:** 2011

**Customer:** Giti Pasand Industrial Group

**Inverters:** AC Drive SINUS PENTA 710Kw



**Application:** PUMP

**Connection date:** 2011

**Customer:** KHOZESTAN SHILAT

**Inverters:** AC DRIVE SINUS PENTA 690v, 315Kw



**Application:** JOINT MILL & Dump MILL

**Connection date:** 2011

**Customer:** BAREZ TIRE CO

**Inverters:** DCREG,4.900A



**Application:** PRESS MACHINE

**Connection date:** 2011

**Customer:** MAJIN SANAT & GHARB STEEL

**Inverters:** AC DRIVE SINUS PENTA 110Kw



**Application:** PUMP & Submersible Pumps

**Connection date:** 2012

**Customer:** Balal offshore oil platform

**Inverters:** AC DRIVE SINUS PENTA 132Kw

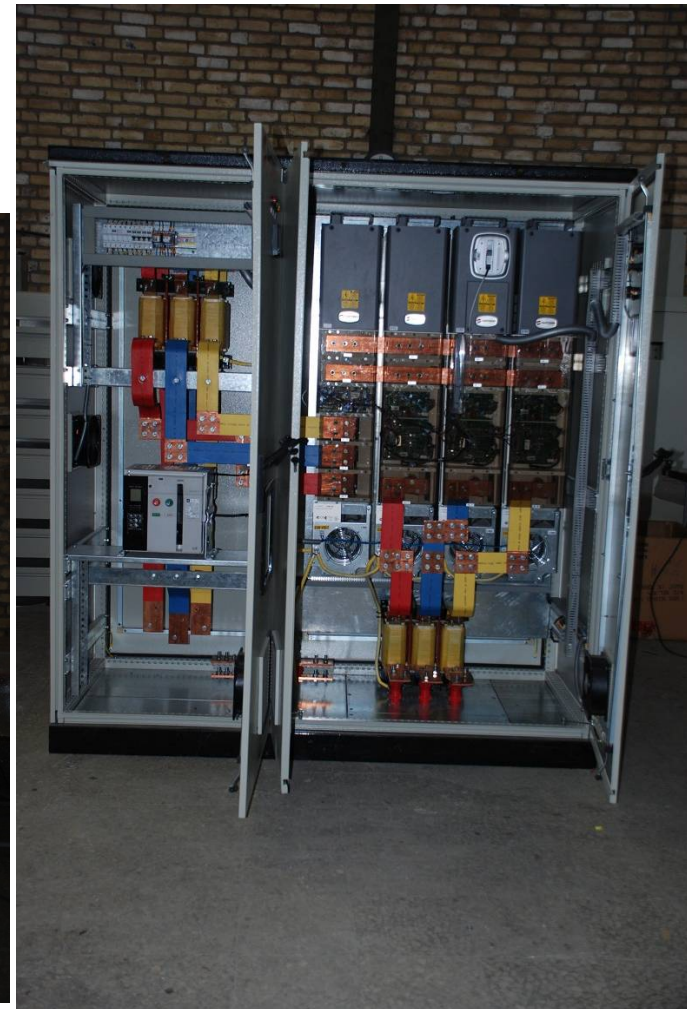


**Application:** Cement Kiln

**Connection date:** 2011

**Customer:** ZANJAN CEMENT

**Inverters:** AC DRIVE SINUS PENTA 560Kw





**Application:** Cement Kiln

**Connection date:** 2011

**Customer:** ZANJAN CEMENT

**Inverters:** AC motor 315 Kw



**Application:** Sugar Centrifuge WITH 70% ENERGY BACK TO GRID

**Connection date:** 2011

**Customer:** ESFAHAN SUGER CO

**Inverters:** AC DRIVE SINUS PENTA 400Kw + REGENERATIVE APPLICATION





Application: pump

Connection date: 2011

Customer: khorshid building project

Inverters: sinus M 11kw

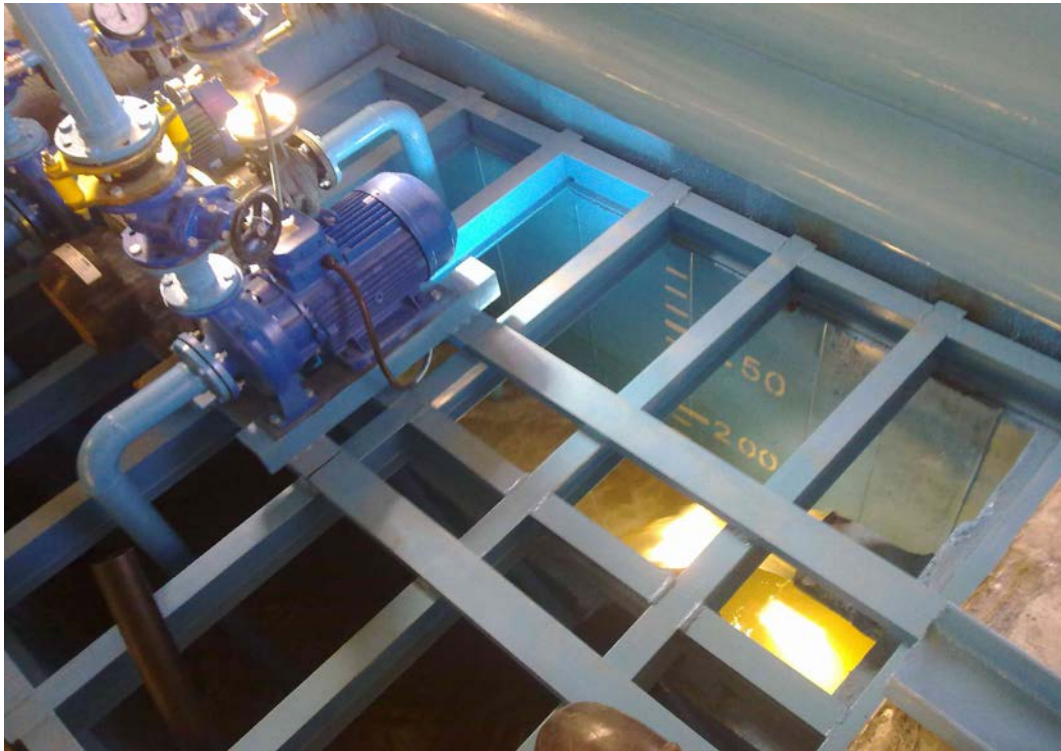


Application: multi pump

Connection date: 2011

Customer: propylen semnan co.

Inverters: AC DRIVE , SINUS PENTA , 30 KW



Application: Pump

Connection date: 2010

Customer: Sadra Niroo Alborz co.

Inverters: AC DRIVE , SINUS M , 7.5 Kw



Application: Tile

Connection date: 2011

Customer: seram negar Tile co.

soft starters : ASAB , 132 KW



Application: PUMP & Submersible Pumps

Connection date: 2012

Customer: Salman offshore oil platform

Inverters: AC Drive PENTA 30 kw





Application: conveyor belt

Connection date: 2011

Customer: Gilane Sabz cement co.

Inverters: AC DRIVE , SINUS PENTA , 7.5 kw, 15kw, 45 kw, 90 kw



Application: crane

Connection date: 2011

Customer: Firoza ( replace to ABB, Demag Inverters)

Inverters: AC DRIVE , SINUS PENTA , 90KW , 7.5 KW



Application: Tile

Connection date: 2012

Customer: Shirkoh yazd Tile Co.

Inverters: AC Drive PENTA 132 kw



**Application:** Crusher jaw

**Connection date:** 2012

**Customer:** Kolham company

**Inverters:** AC Drive PENTA 150 kw



Application: Belt conveyer

Connection date: 2012

Customer: Naeen cement Co.

Inverters: AC Drive PENTA 132 kw



Application: CT Fan

Connection date: 2012

Customer: ZARRAND KERMAN POWER STATION

Inverters: AC Drive PENTA 55 kw



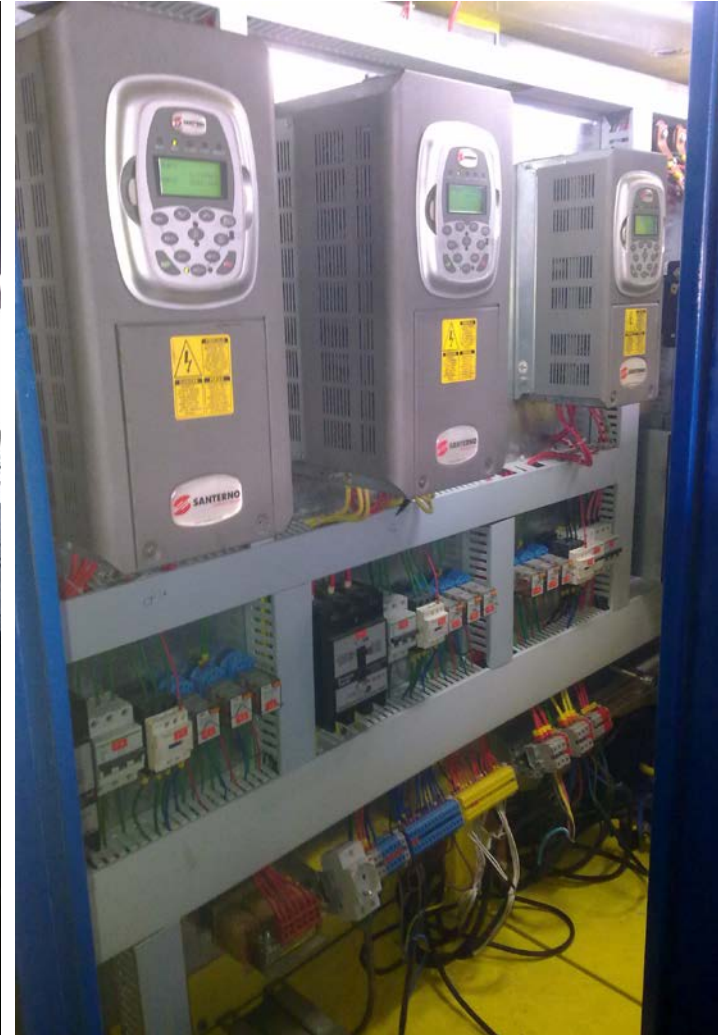
Application: Crane ( Hoist)

Connection date: 2012

Customer: South Steel Co.

Inverters: AC Drive PENTA 110 kw





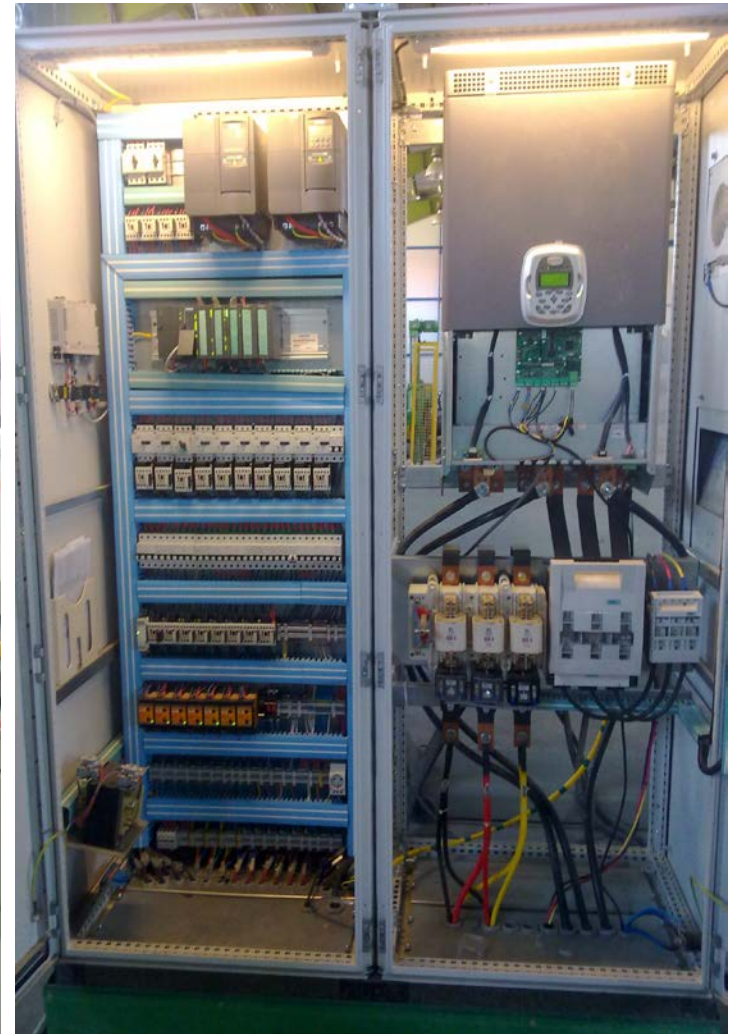


Application: Extruder

Connection date: 2012

Customer: Sazehaye Novin Tabriz Company

Inverters: AC Drive PENTA 250 kw



Application: Compressor

Connection date: 2012

Customer: Iran Transfo/ Pars Compressor

Inverters: AC Drive PENTA 250 kw

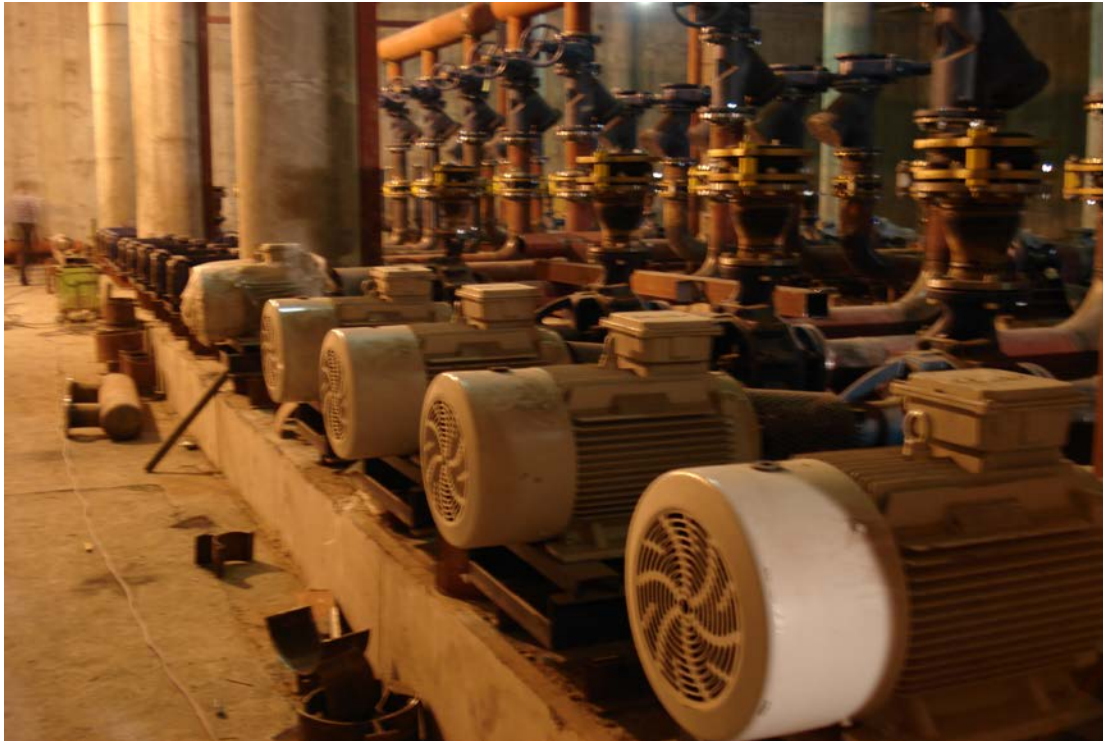


Application: Desalination

Connection date: 2012

Customer: Daryoush Hotel Kish Island

Inverters: AC Drive PENTA 75 kw







Application: Elevator

Connection date: 2011

Customer: Arman Faraz Co.

Inverters: AC Drive Sinus M 7.5 kw



Application: Compressor

Connection date: 2012

Customer: Apadana company

Inverters: AC Drive PENTA 75 kw



Application: Compressor

Connection date: 2012

Customer: Sepehr Plastic Company

Inverters: AC Drive PENTA 75 kw





Application: fan

Connection date: 2012

Customer: Pazhoheshkade Hava Khorshid

Inverters: AC Drive Sinus M 11 kw



Application: CNC

Connection date: 2012

Customer: Paya Boresh Toos Co.

Inverters: Soft Starter 45 kw



Application: Auto Parking

Connection date: 2012

Customer: Mashhad Traffic and transportation Organization

Inverters: AC Drive Sinus M 18.5 kw



Application: Crusher

Connection date: 2012

Customer: Mosavie Co.

Inverters: AC Drive Penta 110 kw



**Application:** PUMP & Submersible Pumps

**Connection date:** 2013

**Customer:** South Zagros Oil & Gas Production Co.

**Inverters:** AC Drive Sinus Penta 110 kW, 45kW





**Application:** PUMP

**Connection date:** 2012

**Customer:** Kordestan Cement Co.

**Inverters:** ASAB Soft Starter 185 kW



**Application:** Hot Rolling Mill

**Connection date:** 2013

**Customer:** Yazd Rolling Mill co.

**Inverters:** DCREG,4.1200A



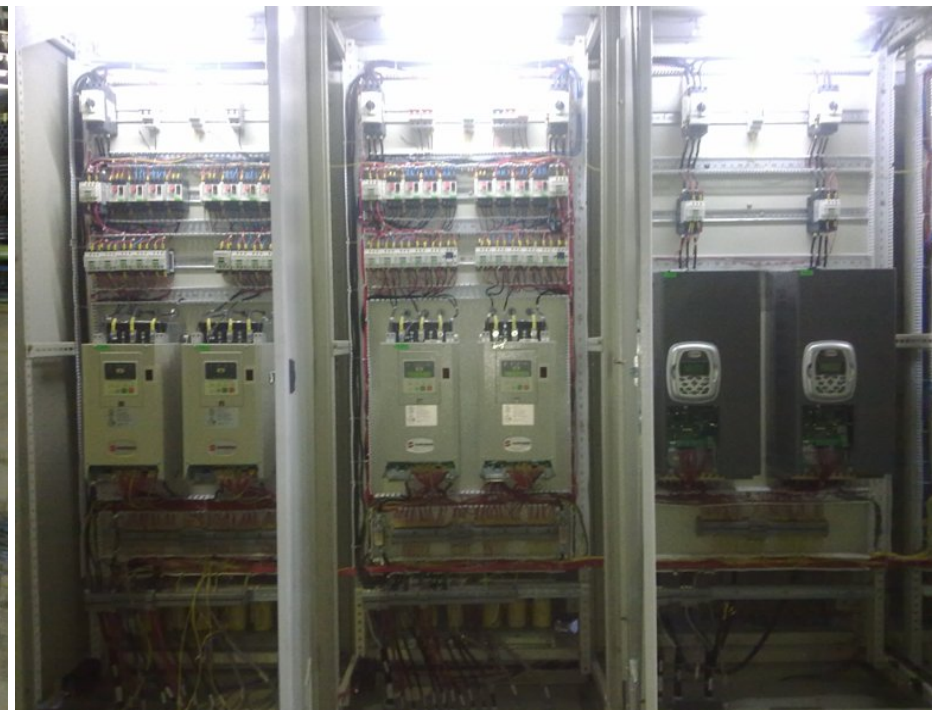


**Application:** Rolling

**Connection date:** 2013

**Customer:** jouybar luleh co.

**Inverters:** DCREG,4.900Amp, 600Amp, Sinus Penta 90kW





**Application:** Fan

**Connection date:** 2013

**Customer:** foolad mobarakeh esfahan.

**Inverters:** MV soft starter, 2000kw, 6.6kV





**Application:** Fan

**Connection date:** 2013

**Customer:** foolad mobarakeh esfahan.

**Inverters:** MV Motor, 560kw, 6.6kV



**Application:** Fan

**Connection date:** 2013

**Customer:** foolad mobarakeh esfahan.

**Inverters:** MV Motor, 560kw, 6.6kV



**Application:** Compresor

**Connection date:** 2013

**Customer:** Masoud Tile.

**Inverters:** AC drive 110 kw



**Application:** Compresor

**Connection date:** 2013

**Customer:** Tehran compresor.

**Inverters:** AC drive Sinus Penat





**Application:** Compressor

**Connection date:** 2013

**Customer:** Atlas compressor.

**Inverters:** AC drive Sinus penta





**SANTERNO**

CARRARO GROUP