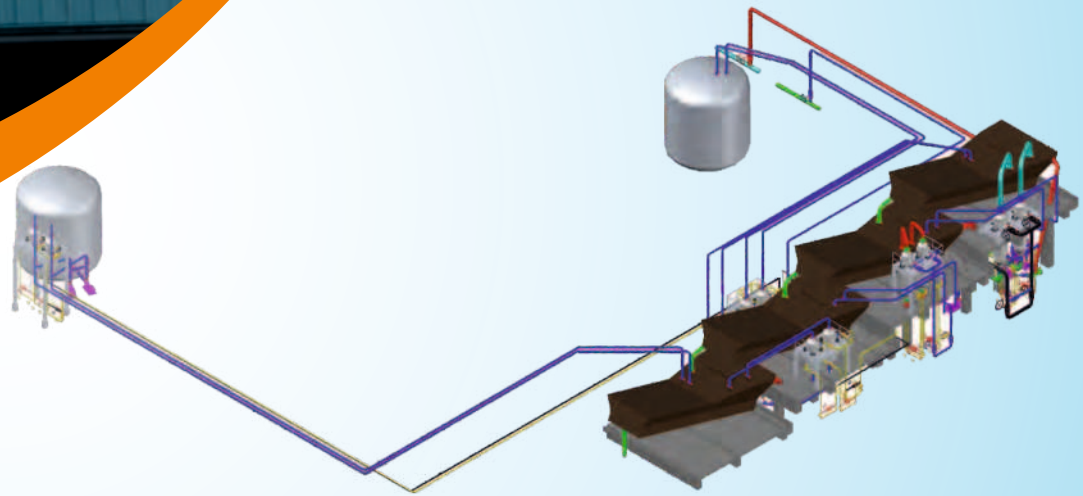


CONSTRUCTION PROJECT FOR THE SATURATED SOLUTION ADDITIONAL BUILDING

The turnkey construction project is for the establishment of an additional saturation solution unit to increase the solution quantity in the existing Borax Pentahydrate IV plant

miyay process



TURNKEY CONSTRUCTION PROJECT FOR THE SATURATED SOLUTION ADDITIONAL BUILDING - 2014

120 t/h Borax Feed

miyay process



SATURATED SOLUTION ADDITIONAL BUILDING CONSTRUCTION PROJECT

SATURATED SOLUTION ADDITIONAL BUILDING CONSTRUCTION PROJECT

Turnkey Construction Project Duration: 365 Days / 2014

The turnkey construction project involves the establishment of an additional saturated solution unit to increase the solution quantity in the existing Borax Pentahydrate IV plant.



Facility General Specifications:

- Borax Feed
- Capacity: 120 t/h
- Approximate steam consumption: 20 t/h
- 500m2 Closed Area
- The works carried out within this scope include

A-Project Works:

- Preparation of Detailed Engineering Projects
- Preparation of Architectural and Construction Projects
- Preparation of Machinery Projects
- Preparation of Electrical Automation Projects

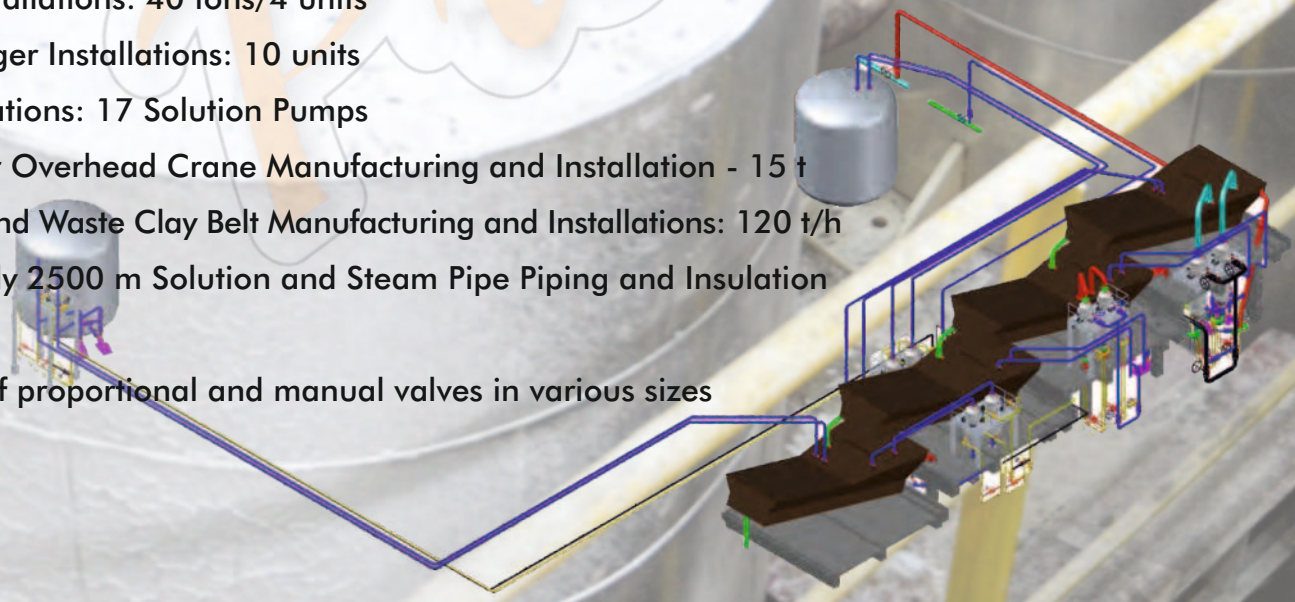
SATURATED SOLUTION ADDITIONAL BUILDING CONSTRUCTION PROJECT

B-Construction Works:

- 500 m2 Industrial Closed Area (50mX10mX25m)
- 300-ton Steel Construction Manufacturing
- 2250 m2 Exterior cladding works for the building
- Construction works for a 4-story reinforced concrete building
- Various building perimeter excavation, landscaping, and canal works
- Construction of MCC Room building

C-Mechanical Works:

- Classifier Installations: 40 tons/4 units
- Heat Exchanger Installations: 10 units
- Pump Installations: 17 Solution Pumps
- Single Girder Overhead Crane Manufacturing and Installation - 15 t
- Borax Feed and Waste Clay Belt Manufacturing and Installations: 120 t/h
- Approximately 2500 m Solution and Steam Pipe Piping and Insulation Works
- Installation of proportional and manual valves in various sizes
























P302 B





D-Electrical Works:

- Busbar Power Supply System: 150 m X 1250 KVA
- Manufacturing and Installation of ADP and MCC Panels
- DCS Control System Software and Commissioning: ABB 800XA
- Procurement and Installation of Instrumentation in Various Scales
- Installation of Facility Camera System
- Facility Grounding Works
- Facility Low Current Works
- Facility Lighting Works - Manufacturing and Installation
- Commissioning and Performance Works
- Acceptance Procedures



Central:
Gökkuşağı Mah. Gökkuşağı Cad.
1209. Sok. No:17/2 Vadi Apt. 06520
Balgat-Çankaya/Ankara

Telefon: +90(312) 472 61 22
Fax: +90(312) 472 61 76
Eposta: miyay@miyay.com

Factory:
Saray Keresteciler Sitesi 3.Cd. No:64
Kahramankazan/Ankara

Telefon: +90(312) 472 61 93
Fax: +90(312) 395 29 32
Sabit Gsm: 0533 408 04 73
Mobil Gsm: 0533 686 90 51
Eposta: satis@miyay.com

www.miyay.com