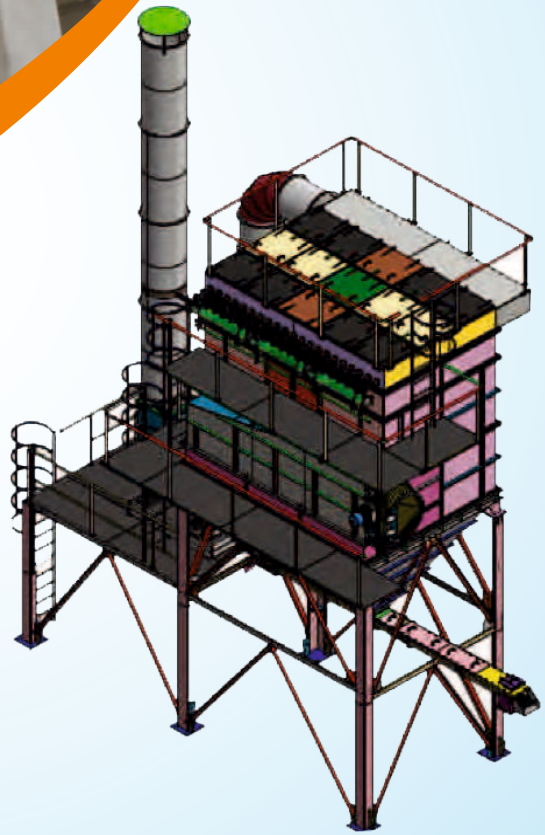
Your Industrial Process Solution Partner



Within the scope of 40,000 m³/h - jet pulse bag filter, screw conveyor, star valve, internal factory enclosure, piping, and assembly works, all fundamental and detailed engineering services, machinery equipment, instruments, control devices manufacturing/supply, maintenance, cleaning, painting, assembly, commissioning, performance tests, training services, and the delivery of the system in operational condition are included, aiming for smooth and healthy operation at the desired capacity.

miyay process



FOUNDRY INTERNAL GRINDING WORKSHOP INSTALLATION

2016

PROJECT TURNKEY

40,000 m³/h FEEDING

miyay
process



FOUNDRY INTERNAL GRINDING WORKSHOP INSTALLATION

FOUNDRY INTERNAL GRINDING WORKSHOP INSTALLATION

Turnkey Construction Project Duration: 60 Days / 2016

As part of the installation of the in-house grinding workshop at Ankara Aydöküm foundry, the following works have been completed. The scope of the project includes 40,000 m^3/h jet pulse bag filter, screw conveyor, star valve, internal factory enclosure, piping, and assembly works, ensuring smooth and healthy operation at the desired capacity. It encompasses all fundamental and detailed engineering services, machinery equipment, instruments, control devices manufacturing/supply, maintenance, cleaning, painting, assembly, commissioning, performance tests, training services, and the delivery of the system in operational condition. The scope also covers Supervision Services and Guarantee.

<u>Facility General Features:</u>

- Jet Pulse Filter Capacity: 40,000 m^3/h
- Grinding Booths: 5000 m^3/h X8 units
- Installation in a 200 m^2 Closed Area

A-Project Works

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

Works completed within this scope



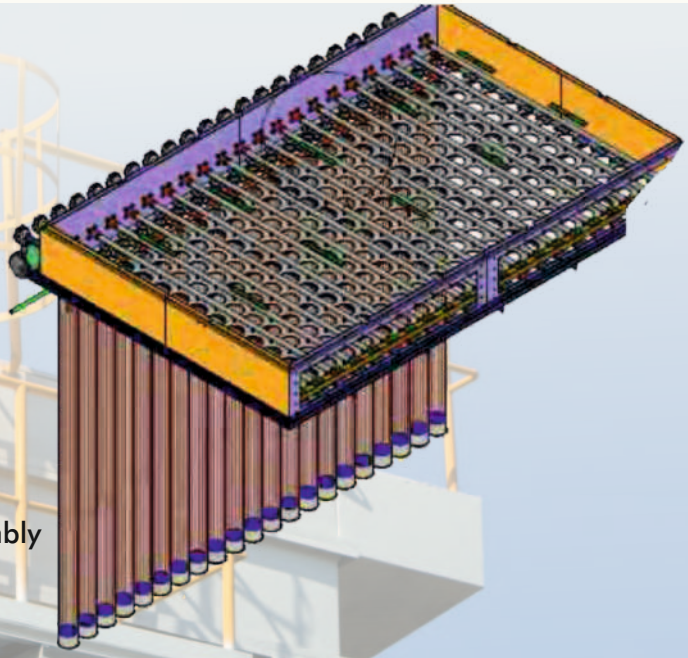
FOUNDRY INTERNAL GRINDING WORKSHOP INSTALLATION

B-Construction Works:

- 20-ton Steel Construction Manufacturing
- Steel manufacturing for closed areas and enclosure works

C-Mechanical Works:

- 40,000 m^3/h Jet Pulse Filter Manufacturing and Assembly
- Manufacturing and assembly of filter support legs
- 8 units of 5000 m^3/h operator grinding booths
- Piping between filter and booths, manufacturing, and assembly
- Manufacturing and assembly of filter air valves
- Louvre damper manufacturing and assembly
- 7 t/h Star valve manufacturing and assembly
- 7 t/h U-type screw conveyor manufacturing and assembly



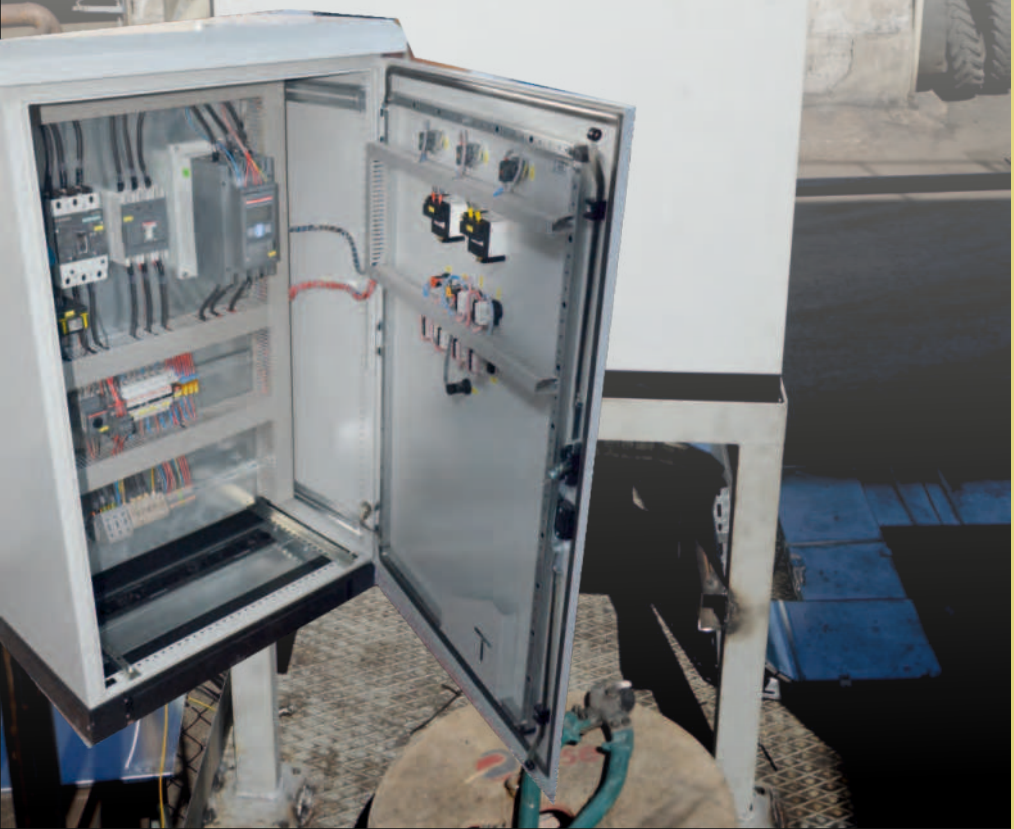
FOUNDRY INTERNAL GRINDING WORKSHOP INSTALLATION

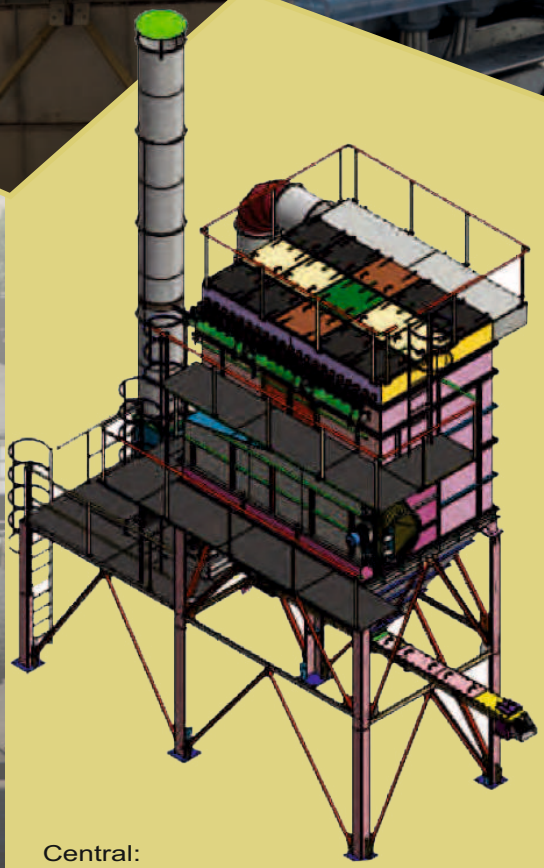






- Energy Medium Voltage Feed Line: 100 m X 125 kVA
- MCC Panel Manufacturing and Assembly Works
- Control System and Commissioning Works:
Electronic Timer
- Facility Area Electrification Works
- Facility Grounding Works
- Facility Lighting Works Manufacturing and Assembly
- Commissioning and Performance Works
- Acceptance Procedures





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