

Heat Recovery Steam Generator Units for Power and Desalination Plants

(Piping Detail Engineering)

Key Features

Technology:

PDS
MicroStation
AutoCAD
Microsoft Office Excel

Duration:

The project was completed in 8 months

Deliverables:

1. Detail Engineering of no. 3 of HRSG for Barka II Power & Desalination Plant (Oman)
2. Detail Engineering of no. 1 of HRSG for Daharki Combined Cycle Power Plant (Pakistan)

The Client

South Korea based organization providing international-grade design, engineering & construction services to all kind of power plants since last 20 years. They are also engaged into various SOC projects like building subways, highways, highway railroads, apartments and commercial buildings.

The Business Need

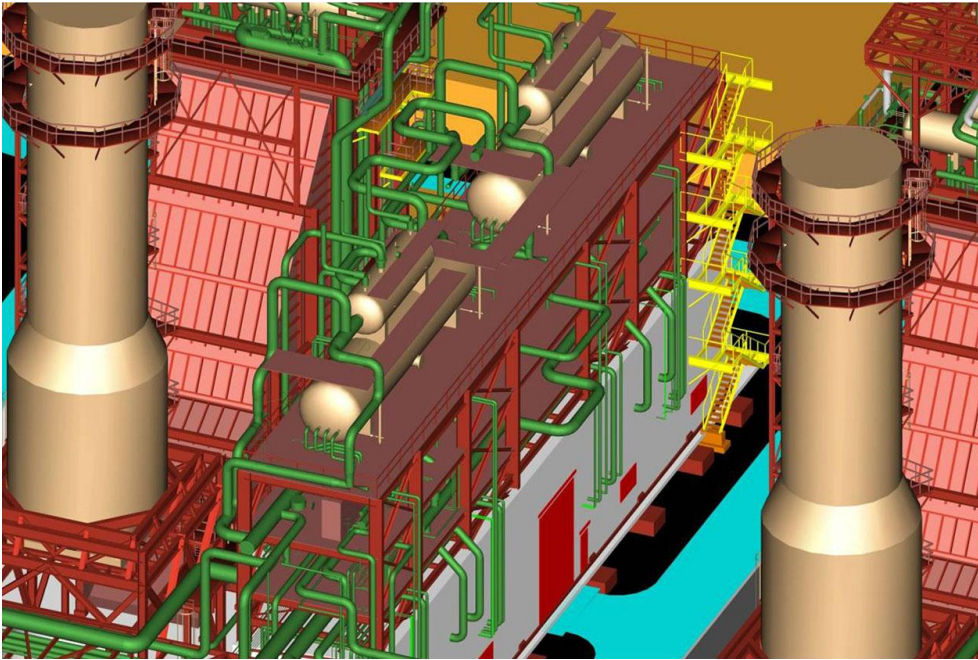
The client required:

- Equipment modeling of PPA, HRSG (Heat Recovery Steam Generator), HP (High Pressure) & LP (Low Pressure) drums, silencers, main stack, bypass stack & blow down tank and pumps
- Complete structural modeling of HRSG, inlet duct, main stack platforms, bypass stack platforms, stairs platform and ladders
- Design & modeling of complete piping arrangement including small bore lines
- Marking & modeling of all physical supports
- Extraction of Stress isometrics, system isometrics & fabrication isometric drawings
- Preparation of complete MTO in Excel format
- Preparation of GA drawings

Rishabh's Solution

Rishabh Engineering completed the project of 4 man years in 8 months.

To deliver quality Piping detail engineering, the project was executed according to ASME B31.1 codes and standards.



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- PDS
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- Microsoft Office Excel

Contact Details

US Ph : +1-201-484-7302, 1-877-RISHABH (747-4224)

UK Ph : +44-0207 993 8162

Email : sales@rishabheng.com

Twitter : www.twitter.com/RishabhEng

Linkedin : www.linkedin.com/company/rishabh-engineering-services

More information about Rishabh Software, please visit:

www.rishabheng.com | www.rishabhsoft.com | www.rishabhbpo.com

About Rishabh Engineering

Rishabh Engineering provides multidisciplinary engineering support services to EPC companies in industries like Oil and Gas, Petrochemical, Power and Water treatment. Our parent company, Rishabh Software is a CMMI level-3, ISO9001 and ISO27001 company that provides services in Software Development, Business Process Outsourcing (BPO) and Engineering Services Outsourcing (ESO) to clients globally. Rishabh has offices in USA, UK and India with their main delivery center in Vadodara, India.