

# 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:

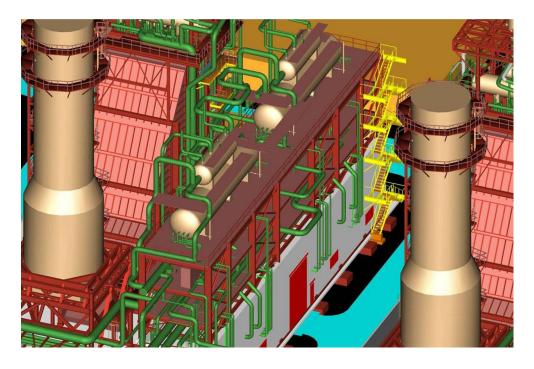
- Equipment modeling of PPA, HRSG (Heat Recovery Steam Generator), HP (High Pressure) & LP (Low Pressure) drums, silencers, main stack, bypass stack & blow down tank and pumps
- > Complete structural modeling of HRSG, inlet duct, main stack platforms, bypass stack platforms, stairs platform and ladders
- > 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 B<sub>3</sub>1.1 codes and standards.



# **Technology Used**

- PDS
- MicroStation
- ➤ AutoCAD
- ➤ 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.

All Content/Information present here is the exclusive property of Rishabh Software Pvt. Ltd (RSPL). The Content/Information herein merely represents and highlights the nature of work and projects successfully undertaken by RSPL and is not intended to be advisory in nature. No representation or warranty, express or implied is made with regards to the contents of the said Document, and the recipients of this Document should not place undue reliance on this Document and should use their own independent prudent judgment while entering into a contractual relationship with RSPL based on the information contained in this Document. The contents of this document, including without limitation, details about services, pricing information, forward looking statements, capabilities and results are liable to vary on a case to case basis, due to factors beyond RSPL's control. All opinions expressed by any Third Party that form part of the contents of this document are such Third Party's own independent opinions and RSPL assumes no responsibility for the same. That except for entering into a business relationship with RSPL, no material from here may be copied, modified, reproduced, republished, uploaded, transmitted, posted or distributed, or used for any commercial purpose whatsoever, without the express written consent of RSPL. All content/information provided herein is protected by stringent contracts, statutes and applicable Intellectual Property Laws. Unauthorized use of the content/information appearing here may violate copyright, trademark and other applicable laws, and could result in criminal or civil penalties. Copyright © 2013.