



## Yokogawa India Limited

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## **PROJECT REFERENCE LETTER**

Yokogawa India Limited had subcontracted M/s. Sim Infosystems Pvt Ltd, Chennai for the design and development of operator training simulator (OTS) for HMEL GGSR Bathinda refinery (PO no: 207393 dated: 29.09.2009). The scope of work for Sim Infosystems included Design, development and implementation of custom simulation models for the following 11 process plants of the grass root refinery:

- 1. CDU/VDU
- 2. Hydrogen Generation
- 3. NapthaHydrotreater
- 4. Isomerization
- 5. Diesel Hydrotreater
- 6. VGO Hydrotreater
- 7. FCC with Propylene recovery
- 8. Delayed Coker
- 9. SRU, SWS, ARU
- 10. Polypropylene
- 11. CCR

The simulation models were developed on Visual Modeler tool with Yokogawa Centum VP DCS and Prosafe RS SIS systems.

This was a prestigious multi-million dollar project and together with Sim Infosystems, we could successfully complete the work to the full satisfaction of the client and the system is being used extensively for operator training since Dec 2010 by the refinery.

We appreciate the professional services provided by our partner, Sim Infosystems and looking forward to working with them on more such simulation projects.



Anil Dutt GM, Head-Plant Centric Solutions

