



Marine Electricals

Case Study

Huntsman International India
Pvt. Ltd.



Chemical Segment

Brief intro of client:

Huntsman International India Private Limited is a global manufacturer and marketer of differentiated chemicals for regular use. It has manufacturing plants across four locations in India : Ankleshwar, Chennai, Baroda and Pune.

Assignment Details:

- We supplied LV Switch Boards for Huntsman's 60,000 metric tons' capacity located at Ankleshwar in the year 2015-16.
- The switchboards were as per standard IEC-61439, and panels were internal arc proof tested as per latest revision of relevant IEC 61641.
- The switchboard had busbar of copper. multifunction meters / load managers were suitable for communication on Profibus Protocol.





Scope of Assignment

Supplied following Switch Boards to Huntsman, Ankleshwar production plant :

PCC, MCCs, MLDB, MPDB, APFC Panel, ACDB, UPSDB, LDB (10 Nos.) etc. including 2 year non-comprehensive maintenance over and above the warranty period of 1 year.

Highlights:

- Design ambient temperature was 55 Deg. C for selection of components.
- Form of separation of panels were 4B due to safety as the production items are of chemicals and inflammable.
- Order value was approx. INR. 2 Cr.
- The challenge was to accommodate few panels within existing panel space without compromising on standard, and retrofitting was such that existing cables can be used .
- All ACBs and MCCBs have microprocessor based release with current measuring and individual fault indication facilities.



Thank you

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