

CORNER



SYSTEMS



Consultancy, Design, Manufacturing and Installation Services

Consultancy

G Corner Electrical Systems can use its extensive 40-year experience around the world in the design and supply of DC busbar systems for high current refining applications to work with clients in the following areas:

- Busbar System Design
- On site evaluation of Busbar system performance
- Feasibility Studies
- Refurbishment Programs
- Budgeting Proposals
- Project Management

Design

G Corner can work with refinery operating companies or Engineering, Procurement and Construction (EPC) companies to design and engineer busbar systems that will deliver the optimum electrical performance for a given refinery. This can be done from basic operating parameters and plant layout drawings from the client. G Corner will then produce a series of performance calculations that we will ensure the installed busbar system will perform to, once operational. Once the performance specification is agreed the layout and detail drawings can then proceed.

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Manufacturing

Once initial layout drawings are approved and the operating specification agreed G Corner would then produce all the detail drawings at our Head Office in the UK and manufacture the busbar system at our two manufacturing sites in South Africa or India.

Delivery To Site

The completed busbar systems are then preassembled into modular form and containerised for delivery to site. Full and detailed packing and shipping lists are prepared to identify the contents of each container, this helps when unloading containers in remote installations.

Installation Commissioning & Supervision

Full installation handbooks are prepared to help guide the installation team through the installation process and G Corner personnel can be on hand for Installation Supervision and final commissioning.

Training & Maintenance

Training can also be offered by G Corner Personnel to ensure that the busbar system can be maintained properly. It is vital that the busbar system is checked periodically for any hotspots and these are addressed as soon as possible.

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