



## Quality, Integrity & Experience

### *Bluescope Flare Stacks | Port Kembla*

#### **Demolish and Install Flare Stacks**

**Allfab were engaged to demolish and install the No. 1, 2 & 3 Flare Stacks at Bluescope Steel's Port Kembla Site. This was a logistically difficult job that required completion within a tight timeframe. Our work resulted in a 30% reduction in downtime.**

The work in this project initially involved demolishing the severely corroded existing stacks and truss support structures. Due to the surrounding plant, which needed to remain operational throughout the project, this was an extremely delicate job that required detailed pre-planning.

The second phase of this project involved the installation scope of work, including new flare stacks (both the supply and installation of new access platforms), new transition ducts, as well as new natural gas and nitrogen supply pipework.

The installation of the new internationally designed stacks was unique as the original stack was a structurally supported design, whilst the new stack was a free standing design. This had never before been installed by an Australian contractor.

The logistics surrounding this project posed a significant challenge with two departmental areas requiring detailed knowledge of all planned work. The Allfab team was able to successfully manage both areas through project planning, transparency and clear communication, thus enabling a zero productivity loss due to time delays.

Our planning, co-ordination and communication became evident as the project moved forward. Allfab was able to achieve significant increases in efficiency with each stack being completed within a shorter duration than the previous.

The Allfab team successfully completed all works with a 30% reduction in downtime to the plant. In addition, all contract works and any additional emergent work was completed both on time and within our clients budget.