

Christmas Tree Bypass Pipework

Objective

To rapidly design, procure, and fabricate a production-critical bypass pipework solution that would safely restore operational capability while minimising production downtime.

Our Solution

- Delivered a fully integrated solution including survey, engineering, design, procurement, and fabrication.
- Manufactured super duplex bypass and contingency pipework to meet demanding offshore operational requirements.
- Successfully executed the complete project within an accelerated three-week programme to support critical production schedules.

At a Glance

Challenges

- Production-critical scope requiring immediate engineering response and accelerated delivery.
- Compressed three-week programme covering design, procurement, and fabrication.
- Procurement and fabrication of specialist super duplex materials within tight timescales.
- Maintaining stringent quality assurance requirements while working to an accelerated schedule.

Value to client

Aurora delivered a high-quality, production-critical solution within an exceptionally short timeframe, enabling the client to minimise operational downtime and maintain production continuity. Through its integrated in-house engineering, procurement, and fabrication capabilities, Aurora streamlined project delivery, reduced programme risk, and provided a reliable solution that met all technical and quality requirements. The successful execution of the project resulted in outstanding client feedback and further demonstrated Aurora's capability in delivering fast-track, critical infrastructure projects.

