



WHEATSTONE EVT JV PROTECTIVE COATINGS

ONSLOW, WA

NEW CONSTRUCTION - BLAST AND PAINT

PROJECT

Wheatstone EVT JV External Protective Coating of Thermal Sleeves, Cold Boxes & Manholes

CLIENT

EVT JV (joint venture between EV LNG Australia & THIESS)
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DURATEC CONTACT

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DESCRIPTION

Duratec was engaged by EVT JV to apply protective coatings to thermal sleeves, cold boxes and manholes for the Wheatstone Project LNG plant tanks OT-2401 and OT-2402.

The scope of works included:

Thermal sleeves and cold boxes:

Steelwork was prepared by dry abrasive blasting followed by the application of 215 microns of Intertherm 228 (two component epoxy phenolic) and Interthane 990 (two component acrylic polyurethane).

Manholes:

Steelwork was prepared by dry abrasive blasting followed by the application of 415 microns of Intergard 475HS (two component high build epoxy coating) and Interthane 990 (two component acrylic polyurethane).

HIGHLIGHTS

- ▶ Day and night shift crews were utilised to reduce the impact and interface with other concurrent works.
- ▶ The challenges of the project included strict adherence to the health and safety guidelines associated with the use of chemicals containing Isocyanates.
- ▶ Duratec's NACE 3 Inspector ensured the coatings met the quality control requirements outlined within the project's protective coatings specification.



IMAGES (FROM TOP TO BOTTOM)

- ▶ High pressure water wash of thermal sleeve prior to dry abrasive blasting.
- ▶ Application of Intertherm 228 to thermal sleeve.
- ▶ Application of Interthane 990 to thermal sleeve.