



Nexen Buzzard Platform Amine Line – Surface Preparation and Coating Application

CHALLENGE

- Existing Amine line runs at an operational temperature of +70deg C to 110deg C and required a new external coating.
- Amine line required to remain 'live' throughout surface preparation and coating application stages.
- Works to be completed in December – low ambient temperature and higher winds.

SOLUTION

- Product selection investigation completed and "best for purpose" product offered and agreed with Nexen was Belzona 5851.
- Belzona 5851 can be applied to live "hot" lines and will cure on surface temperatures above 70deg C.
- Simple application method – brush.

KEY BENEFITS

- No downtime for Client on the Amine line.
- Coating application - brush method minimised the risk of downtime from plant and equipment failures, minimum temperatures.
- No risk of overspray, as can be the case with Spray applied coatings.

KEY ACHIEVEMENTS

- Works completed without any injuries or accidents.
- All personnel achieved an instruction video presentation, supplied by Belzona, prior to starting the works – this proved very beneficial and eliminated any queries personnel had regarding the product surface preparation and application.
- Product application went extremely well, and would be highly recommended for future pipelines where the characteristics and parameters are similar.
- Works completed within the original timescale and utilising the same number of painters as originally planned.
- Coating Application Reports and Quality Assurance documentation maintained to a high level throughout the work scope duration.



Contact: Ross Kane
Tel: +44 (0)1224 722888
Fax: +44 (0)1224 772103
Email: ross.kane@rbgltd.com

Address: Norfolk House,
Pitmedden Road,
Dyce, Aberdeen
AB21 0DP