

EFFLUENT DOSING PIT



CASE HISTORY

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SUMMARY

EFFLUENT DOSING PIT

INDUSTRY : Food and Beverage

PRODUCT : ARC S1HB

PLANT : Waste pit

LOCATION : Hobart, TAS, Australia.

DATE : June, 2008.

SUMMARY : Removal and replacement of delaminating bitumen and impregnated latex membrane.

PROBLEM / SOLUTION

- Hydro blasting used to remove the coating from all surfaces, followed by a wash with Chesterton 360 Phosphate free cleaner to saponify and remove fatty waste.



SOLUTION



- Dust extraction system shown to control environmental hazards.

- Steel surfaces cleaned and profiled by abrasive blasting.



SOLUTION

- Damaged mortar joints and concrete repaired with quartz reinforced composite to achieve an acceptable surface for top coating.



SOLUTION



- After preheating the ARC S1HB composite, the temperature was monitored and maintained at a level ideal for application.



SOLUTION

- Fixed ratio, plural component spraying equipment was utilised to reduce application time and ensure the coating thickness is uniform.



SOLUTION



- Inline heaters were used to keep the products viscosity at optimum levels for spray application.



SOLUTION



RESULTS



- All surfaces are coated with 2000-2500µm ARC S1HB, to provide a smooth, chemical resistant surface which is easily cleaned and maintained.



RESULTS



CONTACT US

Let us help you find out how our products can improve your operations and save you time and money.

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