

500 Series for Steel Clarifier



Before – Clarifier on inspection



Coated with Epo-chem™ 500 series



Launder and steelwork

Industry	Steel Manufacturing
Date	February 2009
Substrate	Failed coating causing steel structure to corrode
Products	Chemco Epo-chem™ 500 series
Environment	Immersed, ambient, treated process water
Challenge	The existing coating failed due to a process change. The time constraints required Chemco to work around the clock to minimise production downtime. The coating system had to be environmentally friendly as the work was to be carried out whilst other engineering teams were in close proximity. The adjoining plant remained in operation.

Chemco's Solution	We recommended the solvent-free, low odour Epo-chem™ 500 series for the corroded clarifier; a coating system that has a life expectancy of over 25 years. This system comprised of a wet & rust tolerant MIO ZINC primer - Epo-chem™ RS 500P plus an epoxy resin filled with screened glassflake - Epo-chem™ RA 532 as the final protective barrier.
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Results	As a result of the fast cure time, the clarifier was back in service within 76 hours. Our trained and experienced applicators paid attention to detail on all edges and weld zones. The customer was extremely satisfied with the completed job and pleased that Chemco was able to complete it on time and within budget.
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