

## Project Experience Ports and harbours



### Project information

<b>location</b>	Bahrain
<b>client</b>	GPIC
<b>project</b>	General plant maintenance
<b>date of project</b>	2007 - ongoing
<b>climatic conditions</b>	25 - 35°C 75 – 95% RH
<b>substrate</b>	
<b>surf. Preparation</b>	Washdown, Sa2 & St 3
<b>system</b>	MCU-Miozinc MCU-Ferroguard MCU-Ferroguard  MCU-Miozinc MCU-Miomastic MCU-Topcoat

*Scope: piles and jetty exterior, conveyor structural steel, port crane, reactor, pipe racks, urea port loading arms, seawater intake.*

*This seaside plant had severe premature failures with epoxy, coal tar epoxy and polyurethane systems, within months of blasting and re-paint projects. In 2006 MCU-Coatings started initial pilot projects, with GPIC's own crew for the port ammonia loading arms (one of the constant failing areas).*

*Other trials on the jetty were performed and after 13 months, positive results, and large time savings the decision was made to specify MCU-Coatings for the rehabilitation of the jetty and the inside structural steel for urea conveyor. Since 2007, ongoing now for 15 years, GPIC has used MCU-Coatings exclusively for atmospheric and structural steel corrosion protection, including: piping, pipe-racks, pilings, entire port and crane, as well as sea water intake.*