

Australian Steel Mill Selects CeramAlloy for New Salt Water Pipes



First coat applied



Second coat applied



When the main salt water piping supplying cooling water to the Hot Strip Mill, a critical part of the steel making process, needed replacement, one of Australia's largest steel manufacturers selected Specialized Industrial Maintenance (SIM), the exclusive ENECON Distributor, and CeramAlloy CL + AC to protect the new mild steel salt water "mains" from aggressive erosion and corrosion.

The 600 mm (24 inch) diameter pipe sections were fabricated in straight lengths ranging from 3 to 8 meters (10 to 24 feet) and a number of 90° elbows – which were welded together as necessary.

The weld seams were then ground down and all interior surfaces were grit blasted to the recommended requirements for cleanliness and surface profile. Observing the strict safety

guidelines imposed, the SIM engineers entered the piping and applied two coats of CeramAlloy CL + AC to completely protect the interior surfaces.

A total of some 100 square meters (1076 square feet) were treated in accordance with the tight application schedule required by the steel mill; and, as the CeramAlloy application was completed, the treated sections were transported to the installation area and bolted together.



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