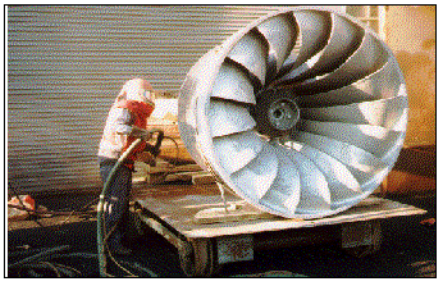
ARCOR® International

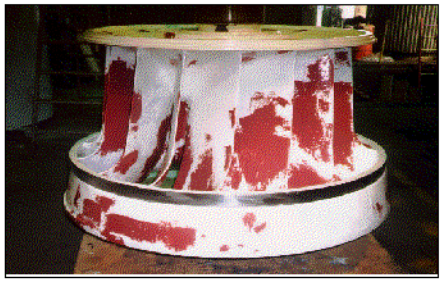
EPOXY TECHNOLOGIES™

HYDRO-WHEEL REPAIR

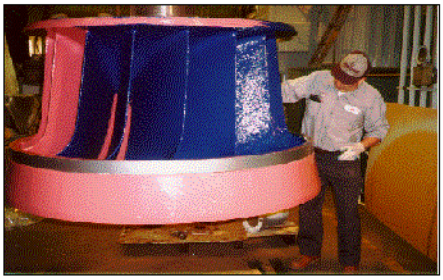
CASE HISTORY #023 REV.04-97



Abrasive-blasting to White Metal SSPC-5



Primed and rebuilt with ARCOR™ S-16/TS-RB

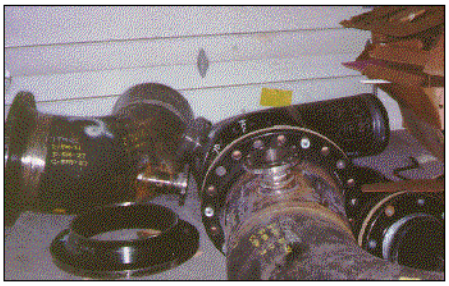


Intermediate and top coat ARCOR™ S-16

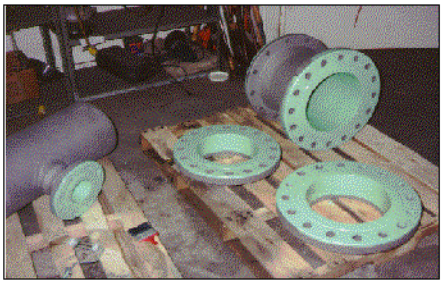
Cast hydro wheel attacked by erosion corrosion and cavitation. After abrasive blasting, unit was coated with three layers of ARCOR™ S-16. ARCOR™ TS-RB was installed between the first and second coat in areas where pitting was severe. This coating system not only protects unit from further attack, but also makes the runner more efficient. This runner was coated in September of 1989. To date it is still in service.

CIRCULATING WATER PIPE

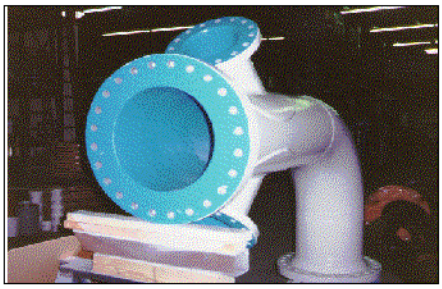
CASE HISTORY #024 REV.04-97



Newly fabricated pipes before installation



Pipes coated with ARCOR™ S-30 Prime

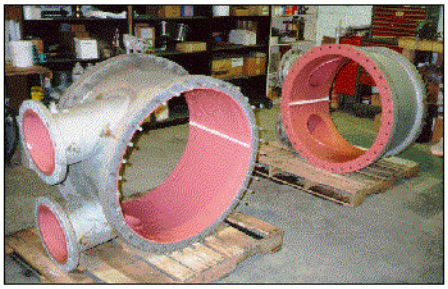


Completed with ARCOR™ S-30 top coat

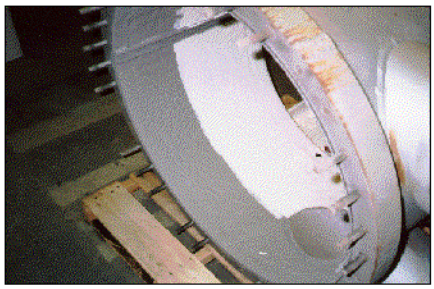
Factory specified ARCOR™ coating system for newly fabricated circulating water system pipes. Interior and exterior surfaces were prepared by abrasive-blasting. Interiors were primed with ARCOR™ S-30 Prime and top-coated with S-30 Blue. Exterior surfaces were sprayed with ARCOR™ S-5 White top coat. Pipes were 100% protected with ARCOR™ coating systems inside and out.

CHANNEL HEAD COATING

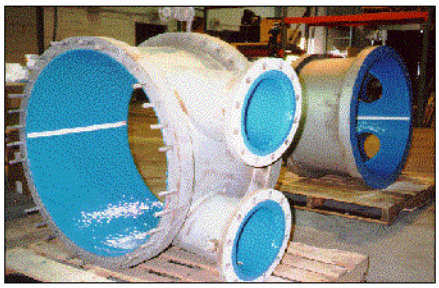
CASE HISTORY #025 REV.04-97



Application of first coat of ARCOR™ S-16



ARCOR™ S-16 second coat



Finished after three coats of ARCOR™ S-16

Carbon steel heat exchanger channel heads exposed to salt water developed pitting over the years to a point where metal loss became a concern. A three-coat system of ARCOR™ S-16 was installed to protect the substrate from the salt water. After abrasive blasting ARCOR™ S-16 was installed in three successive coats of White, Fuschia and Blue at 15 mils each for a total dry film thickness of 45 mils.

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