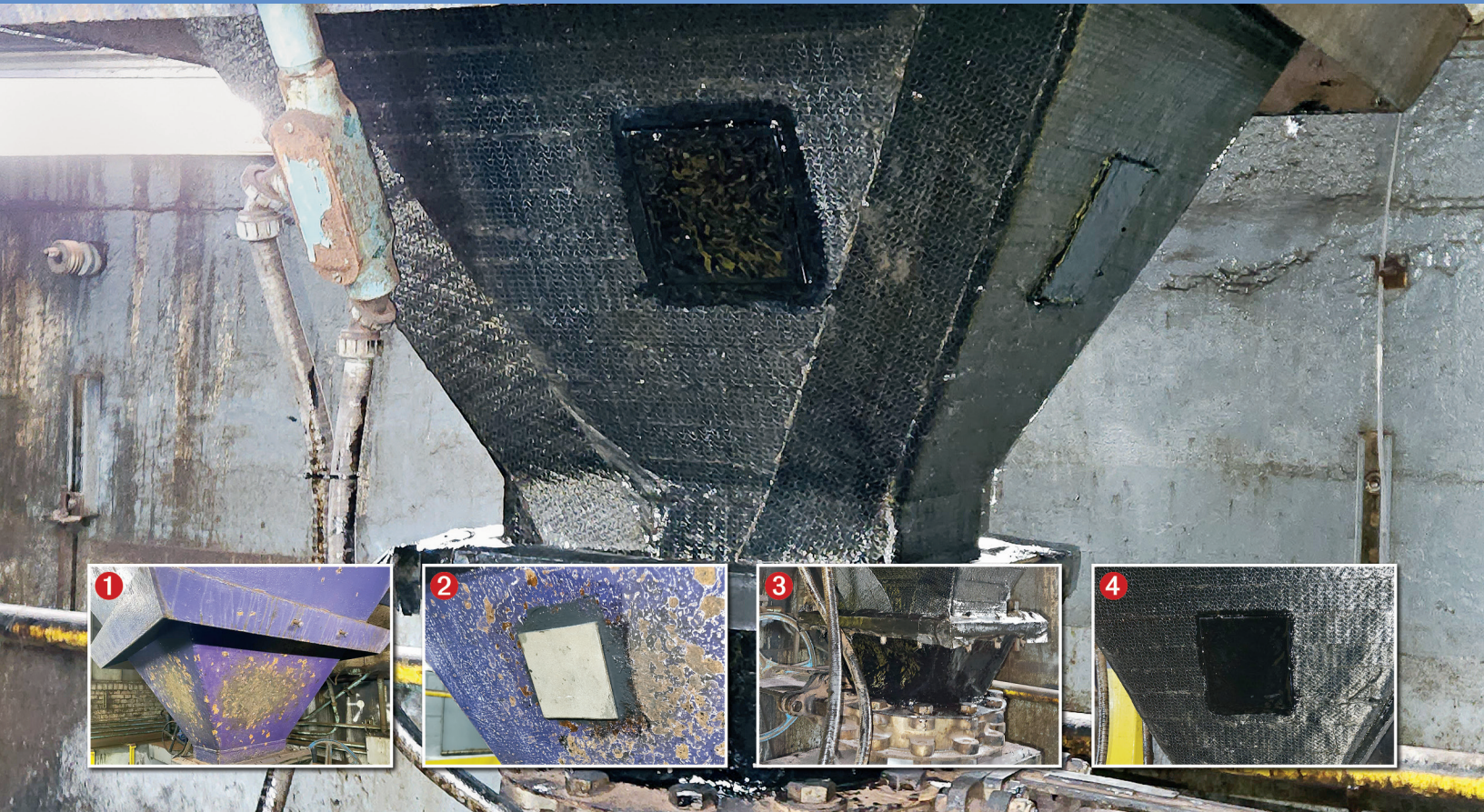




Read The Full Story

STRUCTURAL COMPOSITE REPAIR OF CHEMICAL HOPPERS



Cold-Applied Composites Restored Strength with Minimal Downtime & Risk

A New Jersey water treatment plant faced structural and safety risks due to metal deterioration on two potassium permanganate hoppers. The plant needed the equipment to function until the next shutdown almost a year away and turned to Banks Industrial Group for a temporary solution. Using Belzona SuperWrap II composite wrap and elastomer-coated steel plates, BIG reinforced the weakened areas over four days. The chemical hazards present disallowed hot work; leaving only hand-tools as a surface prep method—an approach agreed upon for safety. The cold-applied system minimized downtime and avoided hot work. The solution safely extended the hoppers' service life more than a year, maintaining operational continuity and worker safety under strict repair constraints.



BIG field techs on-site in protective clothing and ready to start work.

- 1 Deteriorated, weakened hopper metal
- 2 Metal plate bonded to reinforce impact area
- 3 Elastomeric coating applied to lower impact area
- 4 Belzona Superwrap used to strengthen hopper



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