



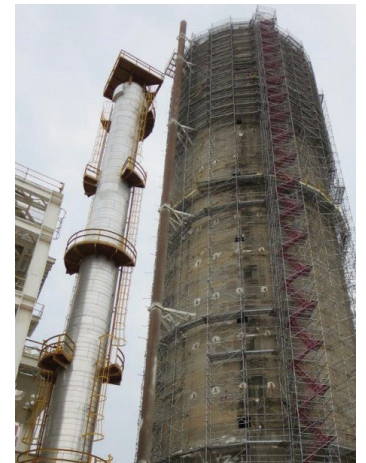
PROJECT PROFILE: STRUCTURAL STRENGTHENING LOCTITE FRP SYSTEM **PRILLING TOWER** REPAIRING DETERIORATED CONCRETE TOWERS

OVERVIEW

The salty air from the nearby ocean combined with the aggressive environment at this industrial plant served to severely corrode the reinforcing steel in both of the 85-foot diameter & 270-foot tall prilling towers built in Mexico, 1980. As a result, concrete repair work was required and the LOCTITE FRP Systems were utilized to supplement the corroded longitudinal and transverse steel reinforcement. Henkel worked with the engineer of record to detail a carbon fiber strengthening system that would not only make up for the loss of structural capacity due to the section loss in the reinforcing steel, but also provide additional strength and protection to the structures moving forward.



Scaffolding and Installation
of LOCTITE FRP System



85' Diameter x 270' Tall
Reinforced Concrete
Prilling Tower

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