

Project Brief

Valero Refinery Coker

Column and Beam Strengthening



Wilmington, CA
2008



The Tyfo® SCH-41 System was used to strengthen the existing columns, beams and beam-column connections in order to comply with current seismic detailing requirements. The coker remained in operation during the entire project.

The existing reinforced concrete required major repairs prior to the installation of the Tyfo® SCH-41 System. After removing all of the unsound concrete, the sections needed to be rebuilt to regain their original section shape.

Fibrwrap Construction performed all of the required repairs and strengthening during normal operations. Fibrwrap Construction worked closely with the facility to remove and replace obstacles. Areas that needed to be worked around required special detailing.

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