



Project: Valero Refinery Coker

Column and
Beam
Strengthening



Wilmington, CA



Project Description:

The Tyfo® SCH-41 System was used 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.



Solution:

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.



Summary:

Fibrwrap® Construction performed all of 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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