



Petrochemical Facility Four-Book Set (Paperback)

By David S. Bowles, Hon-Him Ko

American Society of Civil Engineers, United States, 2013. Paperback. Condition: New. Language: N/A. Brand New Book. Prepared by Task Committees of the Petrochemical Committee of the Energy Division of ASCE. Designing petrochemical facilities that can safely withstand a variety of natural and humanmade forces is a particular challenge to structural and industrial engineers. Whether the problem is mitigating the effects of an accident or ensuring critical structures can withstand the forces of wind and earthquakes, engineers may need guidance that isn't offered by existing local building codes. This Four-book set provides state-of-the-practice guidelines for the structural design of blast-resistant facilities, the computation of wind-induced forces on facilities, and for ensuring the safety of facilities during and after seismic events. These books are applicable not only to petrochemical facilities but to other industrial structures as well. This set comprises a useful reference for structural design engineers, local building authorities, operating personnel, and company managers responsible for establishing design and construction criteria for petrochemical facilities.



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