

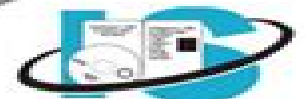
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# HANDBOOK OF PETROLEUM REFINING PROCESSES

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- Fully explains the latest shale gas and oil excavation and refining procedures
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- Contributors drawn from the largest petroleum producers in the world



Robert A. Meyers



# Handbook Of Petroleum Refining Processes

**James G. Speight**



## **Handbook Of Petroleum Refining Processes:**

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**Petroleum Refining Processes** James G. Speight,Baki Ozum,2001-10-31 This work highlights contemporary approaches to resource utilization and provides comprehensive coverage of technological advances in residuum conversion It illustrates state of the art engineering methods for the refinement of heavy oils bitumen and other high sulphur feedstocks

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managing or commissioning the design of a petroleum refinery Found only in this volume is material on operating a jointly owned and operated refinery Over the last decade the ownership of many refineries has shifted to small companies from the large integrated companies Because of this shift many refineries are now jointly owned and operated Filled with handy process flow diagrams this volume is the only reference that a chemical engineer or process manager in a petroleum refinery needs for answers to everyday process and operations questions Covers the technologies and operations of petroleum refineries Provides material on operating a jointly owned and operated refinery Gives readers a comprehensive introduction to petroleum refining as well as a full reference to engineers in the field

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part of the petroleum refining renaissance It is truly a must have for any practicing engineer or student in this area **A Handbook of Petroleum, Asphalt and Natural Gas** Roy Cross,1924 **Thermal and Catalytic Processes in Petroleum Refining** Serge Raseev,2003-02-26 This text examines the thermal and catalytic processes involved in the refining of petroleum including visbreaking coking pyrolysis catalytic cracking oligomerization alkylation hydrofining hydroisomerization hydrocracking and catalytic reforming It analyzes the thermodynamics reaction mechanisms and kinetics of each process as well as Handbook of Petroleum Refining Processes Robert Allen Meyers,1986 Offers detailed description of process chemistry and thermodynamics and product by product specifications of plants Contributors are drawn from the largest petroleum producers in the world including Chevron Mobil Shell Exxon UOP and Texaco Covers the very latest technologies in the field of petroleum refining processes Completely updated 3rd Edition features 50% all new material

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