

## **Ammonia Plant Safety Related Facilities Ammonia Plant Safety Related Facilities Vol 39**

These 37 papers address such topics as new process development, maintenance and troubleshooting, and revamping and upgrading older facilities, as well as case studies of equipment failure.

Containing a collection of 29 papers presented at the 2002 AIChE Ammonia Safety Symposium, this volume covers safe manufacture, transportation and storage of ammonia and other chemicals, as well as actual case histories and industry needs.

This work contains the proceedings of the Ammonia and Plant Safety and Related Facilities. It presents information on technological advances, maintenance improvements and safety studies.

This edition of an annual reference includes 30 papers on such topics as: advanced process control systems to improve ammonia plant safety; fluegas circulation and heat distribution in large scale down-fired reformer furnaces; a description of a process to zero industries; earthquake experience in running a fertilizer plant; predictive reliability analysis; improvement to shift reactor operations based on computational fluid dynamics; modelling, inspecting, and repairing urea and ammonia high pressure equipment at site; inspection, remediation, and modification of two large-scale KAAP ammonia converters.

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