Analytical Tools and Methods Employed in Catalyst Analysis p. 608
Contaminant Removal/Treating Technologies: An Overview p. 626
Abnormal Operation Caused by Change in Butane Feed Quality p. 638
Frequency of Problems in Acetylene Converters p. 642
Antifoam Impacts in an Olefins Plant: A Case History p. 646
Ethylene Pipeline Decomposition Incident p. 651
Procedural Changes to Minimize Flaring During Ethylene Plant Start-ups and Shutdowns p. 656

Ethylene Plant Life Cycle Extension, A Strategic Approach p. 672
Reliability and Operations Management Applications in Olefins Plants p. 677
BASF Utilizes Real-Time Dynamic Simulator for Improved Operations Training and Reliability p. 688
Recycle Methods to Reduce Ethylene Plant Startup Flaring p. 695
Sustainable Development in Petrochemicals p. 705
Overview of NOx Reduction Issues of Concern to Ethylene Producers p. 714
SCR DeNOx in New Maruzen Ethylene Plant p. 741
Application and Operation of the Shell Low Temperature SCR Technology on Ethylene Cracker Furnaces p. 756
Operating Experiences of SCR DeNOx Unit in Idemitsu Ethylene Plant p. 766
Low NOx Burner Technology for Ethylene Cracking Furnaces p. 774
The Future of Operators from an Operator's Prospective p. 799
The Future of Operators from a Manager's Prospective p. 811
Ethylene Plant Operator Training Survey Results p. 823
M^[superscript c]Neese State University Process Plant Technology Program p. 839
Initiatives by the Northern Albert Institute of Technology to Improve Process Operator Training p. 847
Industry Initiatives to Improve Operator Training p. 859
Risk Based Turnaround Inspection Planning Yields High Return on Investment p. 889
Brittle Fracture Assessment of Ethylene Unit Equipment p. 896
Benchmarking & Risk Assessment of Rotating Equipment p. 908
Clearing and Cleaning Techniques Used by Williams in the 1994 Maintenance Turnaround of the Geismar Olefins Plant p. 916
Turnaround Savings Maximized Through Leveraged Resources p. 921
Preparing Quench Systems to Maintenance p. 932

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.