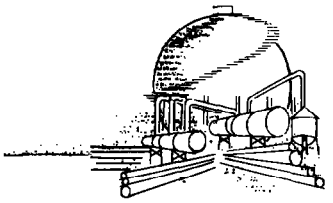

PROCESS ECONOMICS PROGRAM

SRI INTERNATIONAL
Menlo Park, California
94025

Abstract

Process Economics Program Report No. 29C

ETHYLENE PLANT CONVERSION

(July 1985)

This report deals with the technology and economics of plant revamps for improving product selectivity and operating efficiency and plant revamps for increasing feedstock flexibility to take advantage of price swings in individual feedstocks. The report also discusses the technology and economics of using gas turbines in ethylene plants. Additionally, the report updates the economics of new ethylene plants representing nine feedstock cases, and reviews the emerging technologies for ethylene production.

SRI International

Report No. 29C

ETHYLENE PLANT CONVERSION

SUPPLEMENT C

by JAMES J. L. MA

July 1985

A private report by the

PROCESS ECONOMICS PROGRAM

Menlo Park, California 94025

For detailed marketing data and information, the reader is referred to one of the SRI programs specializing in marketing research. The CHEMICAL ECONOMICS HANDBOOK Program covers most major chemicals and chemical products produced in the United States and the WORLD PETROCHEMICALS Program covers major hydrocarbons and their derivatives on a worldwide basis. In addition, the SRI DIRECTORY OF CHEMICAL PRODUCERS services provide detailed lists of chemical producers by company, product, and plant for the United States and Western Europe.

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