DESCRIPTION

This practical text serves as a guide to elaborating and determining the principles, assumptions, strengths, limitations and areas of application for multiple-plant chemical safety and security management. It offers guidelines, procedures, frameworks and technology for actually setting up a safety and security culture in a cluster of chemical companies, thus allowing forward planning. The presentation is conceptually rather than mathematically oriented so as to maximize its utilization within the chemical industry.

ABOUT THE AUTHOR

Genserik Reniers received his PhD in Applied Economic Sciences from the University of Antwerp, after completing a Master’s degree in Chemical Engineering at the Vrije Universiteit Brussels. He lectures in general chemistry, organic chemistry, chemical process technology, industrial processes and thermodynamics at the University of Antwerp, Belgium. He is also visiting professor Risk Management at the Institute of Transport and Maritime Management in Antwerp. At the Hogeschool-Universiteit Brussel in Brussels, Professor Reniers lectures in prevention management, advanced occupational health and safety management and chemical processes/unit operations. His main research interests concern the collaboration and interaction between safety and security topics and socio-economic optimization within the chemical industry. He coordinates the Antwerp Research Group on Safety and Security (ARGoSS), unifying multi-disciplinary safety and security research at the University of Antwerp. He has extensive experience in leading research projects funded both by the Belgian government and the chemical industry. He is a
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