Mindluster Platform

About the course Petrochemicals Fundamentals

Petrochemicals course, In this course we will learn about Petrochemicals, their production, applications, and significance in various industries.

Engineering Category's Courses

Course Lesson(28)

Lesson 1 : **Petrochemicals A Complete Guide to Process Industry TRAILER**

Lesson 2 : **Welcome to the Course Lec001**

Lesson 3 : **Introduction Index Lec002**

Lesson 4 : **Course Objectives Lec003**

Lesson 5 : **Petroleum Refining vs Petrochemistry Lec004**

Lesson 6 : **Petrochemical Overview Section Lec007**

Lesson 7 : **What is a Petrochemical Lec008**

Lesson 8 : **Paraffins Olefins Napthenes Aromatics Lec012**

Lesson 9 : **Top Petrochemical and Oil Companies Lec017**

Lesson 10 : **Battery Limits ISBL and OSBL Lec022**

Lesson 11 : **Naphtha Cracking Section Lec027**

Lesson 12 : **Olefins are Kings Lec029**

Lesson 13 : **Steam Cracker Overview Lec031**

Lesson 14 : **Fluid Catalytic Cracking Recovery Section Lec042**

Lesson 15 : **Types of Cracking Processes Lec043**

Lesson 16 : **Basic Gases in Petrochemical Industry Section Lec054**

Lesson 17 : **Syngas Industrial Production CO H2 Lec057**

Lesson 18 : **C1 Group Methane CO Methanol Formaldehyde etc Section Introduction Lec060**

Lesson 19 : **Methanol from Syngas Lec063**

Lesson 20 : **C2 Group Ethylene Ethylene Oxide Vinyl Acetate Ethanol etc Lec067**

Lesson 21 : **Ethylene Dichloride Industrial Production Lec072**

Lesson 22 : **C3 Group Propylene Propylene Oxide Propylene Glycol Isopropanol etc Lec081**

Lesson 23 : **Acetone Production Scheme Petrochemical Process Lec086**

Lesson 24 : **C4 BUtadiene Butylenes Butanes etc Section Lec092**

Lesson 25 : **Methyl tert butyl Ether Production MTBE Lec098**

Lesson 26 : **C5 Cut Isoprene Isoamyles Penanes Cyclopentanes etc Lec099**

Lesson 27 : **Aromatics Benzene Toluene Xylene Phenol Cumene etc Lec105**

Lesson 28 : **Phenol Production via Toluene Petrochemical Process Lec114**

Related courses

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