




PhD Excellence Course 01VPPIY

Basi di ingegneria di manutenzione e tecniche di sicurezza applicata agli impianti di produzione

Production plants maintenance engineering and applied safety basics

TOC
<ul style="list-style-type: none"> • Introduction. EPC projects, engineering, construction, and start-up of production/process plants. • Terms and definitions • Maintenance operation and management main figures • Organisation of a maintenance dept. • RAMS-SHEEP
<ul style="list-style-type: none"> • Maintenance strategies • Reliability Centered Maintenance – RCM • Management of maintenance department and personnel – TPM (AM) • Additive Manufacturing for spare parts production and logistic
<ul style="list-style-type: none"> • Maintenance operational tools: <ol style="list-style-type: none"> a. Maintenance planning b. Storage and inventory c. Planning and management of maintenance interventions d. CMMS, Information technology applied to maintenance
<ul style="list-style-type: none"> • Safety in maintenance operations: <ol style="list-style-type: none"> e. Lock out / Tag out f. PSSR g. MOC
FINAL EXERCISE

Pietro Loro, Project HSE manager at SAIPEM, has managed the HSE aspects in several projects in the oil&gas domain as detailed in his profile. He started his career as a Chemist (Università di Torino) and gained his HSE imprinting at Politecnico di Torino in the post-lauream Master of Industrial Safety and Risk Analysis. 

Alberto Martinetti, Assistant professor in the chair of Maintenance Engineering at University of Twente, with a relevant academic track record detailed in his profile. He started his career at Politecnico di Torino, with a Master in Mining Engineering and a PhD in Occupational Safety and Health.  

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