

Certificate ID : ASM.PND.IV.24.ATI.CMP-MTOE-XII-24
-ATI-0209

ENGINEERING ACADEMY

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CERTIFICATE OF COMPLETION

This certificate is proudly presented to

Taraf Ghoniyal Muttaqin

**Has successfully completed the training of
Electrical Engineering in Oil & Gas: Design, Calculations,
and Material Planning**

Delivered by Sultanto Hermawan Putra

(Electrical Engineer at Tripatra)

5 days training on 20,26,30 November & 1,4 December 2024

Total duration 750 minutes (12,5 hours)

Date Issued
08 December 2024



Arkastra Bhrevijana
CEO Anak Teknik Indonesia



Sultanto Hermawan Putra
Electrical Engineer at Tripatra

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Learning Modules Training of Electrical Engineering in Oil & Gas: Design, Calculations, and Material Planning

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1. Introduction EPC (Engineering, Procurement, And Construction)
2. Electrical Design Basic, Specification & Datasheet
3. Electrical Calculation (Load List, Cable Sizing, Cable Schedule)
4. Electrical Drawing (Single Line Diagram, Schematic Diagram, Layout)
5. Electrical Material Take Off (MTO)