Certificate ID : TPDS-II-24-ATI-8176850846

ENGINEERING ACADEMY
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CERTIFICATE
OF COMPLETION

This certificate is proudly presented to

Fitria Rahmayeni Putri

Has successfully completed training of
Basic Training For Plant Design Simulation (Process Simulation And Flare Hydraulic Study) In Oil & Gas Industry
Delivered by **Fredy Ary Sadewa**
(Process Safety Engineer)
4 days training on 17,18,19,20 February 2024
Total duration 600 minutes (10 hours)

Date Issued
27 February 2024

Arkastra Bhrevijana
CEO Anak Teknik Indonesia

Fredy Ary Sadewa, ST
Trainer P&ID

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Validation

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List of learning modules training of
Basic Training for Plant Design Simulation
(Process Simulation and Flare Hydraulic Study) in Oil & Gas Industry

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FLARE HYDRAULIC STUDY

1. Hypothetical
2. Build Up Scenario Of Flare Network
3. Criteria Design & Selection As Per API 520/521/526
4. Pipe Hydraulic
5. Simulation Result Analysis

PROCESS SIMULATION

1. Hypothetical Data
2. Hydrat Analysis
3. Stream Saturated
4. Separation System
5. Compression System
6. TEG Contactor Q
7. Dew Point Control Unit
8. Fuel Gas & Seal Gas System
8. Hysys Spreadsheet
9. Pipe Segment
10. Preliminary Line Sizing As Per API 14E
11. PSV Orifice Sizing As Per API 521 & 526
12. Oil Manager
13. Create Heat And Material Balance
14. Develop Process Simulation From PFD & HMB
15. Exercise Simulation

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