

Certificate ID : PSHY-II-22-ATI-4149129858

ENGINEERING ACADEMY
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CERTIFICATE
OF COMPLETION

This certificate is proudly presented to

Irfiani Nurul Mawaddah

Has successfully completed training of
Process Simulation For Basic 6 Days Class (Hands On Simulator With Study Case)
Delivered by **Denny Firmansyah**
(Business Development Analysis at Chemical Industry)

6 days training on 4, 5, 6, 11, 12, 13 February 2022
Total duration 900 minutes (15 hours)

Published on
February 22, 2022

Arkastra Bhrevijana
CEO Anak Teknik Indonesia

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QR Code

Certificate
Validation

List of learning modules online training of **Process Simulation For Basic 6 Days Class (Hands On Simulator With Study Case)**

NIK INDONESIA • ANAK TEKNIK INDONESIA • ANAK TEKNIK INDONESIA • ANAK TEKNIK INDONESIA • ANAK TEKNIK INDONESIA • ANAK TEKNIK INDONESIA • ANAK TEKNIK IN

1. Introduction of Process Simulator
2. How to start Process Simulator Software
3. P&T stream analysis, VLE (Vapor Liquid Equilibrium)
4. 2 Phase & 3 phase simulation
5. Heat transfer equipment simulation: Heater, Cooler & Heat Exchanger
6. Transfer fluid equipment simulation: Pump, Compressor & Expander
7. Piping simulation in Process Simulator (Ex: Hysys)
8. Basic rankine cycle in steam power plant: Introduction feature case studies
9. Regenerative steam power plant simulation
10. Refrigerated system in dew point control of natural gas processing
11. Introduction of distillation column: Propylene & Propane separation
12. How to sizing & hydraulic analysis of column distillation
13. Advanced Distillation Column: MVR (Mechanical Vapor Recompression)
14. Advanced Distillation Column: Extractive Distillation Column
15. Optimizer in Distillation Column
16. Introduction in Absorber Column
17. Introduction reactor in Process Simulator
18. Ammonia close loop reactor system
19. CSTR reactor case: Ethylene Glycol Processing
20. Introduction PFR (Plug Flow Reactor)
21. Multiple Reactor: Syngas Processing
22. DME Production Flowsheet & Introduction Energy Analyzer
23. Sweetening Natural Gas Processing

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