

Certificate ID : HEN-XII-21-ATI-843728394

ENGINEERING ACADEMY

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CERTIFICATE OF COMPLETION

This certificate is proudly presented to

Zhafran Qashid Rahmatullah

Has successfully completed course of
**Introduction to Heat Exchanger Pinch Analysis and Heat
Exchanger Network (HEN) Design**

Delivered by **Henry Susilo**

(Process Modelling and Simulation Enthusiast)

2 days training on 18,19 December 2021

Total duration 300 minutes (5 hours)

Published on
December 31, 2021

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Arkastra Bhrevijana
CEO Anak Teknik Indonesia



Certificate
Validation



List of learning modules course of Introduction to Heat Exchanger Pinch Analysis and Heat Exchanger Network (HEN) Design

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

- PENDAHULUAN KONSEP PINCH ANALYSIS
- PERHITUNGAN PINCH ANALYSIS METODE GRAFIS
- PERHITUNGAN PINCH ANALYSIS METODE TABEL
- PERHITUNGAN PINCH ANALYSIS DENGAN AEA
- PENDAHULUAN KONSEP HEN DESIGN
- PENENTUAN DELTA-T MINIMUM
- CONTOH PERMASALAHAN PERANCANGAN HEN
- PERANCANGAN HEN PADA THRESHOLD PROBLEM