# REFERENCE PROJECT

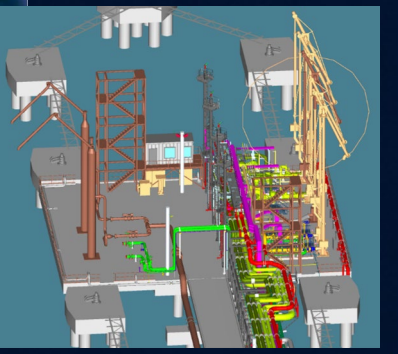
## ONSHORE AMMONIA PIPELINE
## FEED ENGINEERING

| YEAR | COUNTRY | STATUS |
|---|---|---|
| 2025 | EGYPT | DELIVERED |

### SCOPE

Comprising one 16” liquid ammonia import pipeline and one 4” cool-down pipeline extending approximately 3.1 km, together with the marine unloading arm, pipeline routing, hydraulic and process design, insulation, valves, civil works and utility interfaces to provide an EPC-ready basis for procurement and construction.



| PROJECT TYPE | AMMONIA PIPELINE | COOL-DOWN LINE | UNLOADING RATE | DESIGN LIFE |
|---|---|---|---|---|
| ONSHORE CRYOGENIC | 16” / ≈ 3 KM | 4” / ≈ 3 KM | 490 MTPH MAXIMUM | 30 YEARS |

| CROSSINGS | MARINE UNLOADING ARM | PROCESS SAFETY | EPC BUDGET PACKAGE | DELIVERABLE MATURITY |
|---|---|---|---|---|
| ≈ 5.7 KM | RCMA | HAZOP SIL | COST ESTIMATE | EPC READY |

### DISCIPLINES

PROCESS
PIPELINE
MECHANICAL
PIPING
CIVIL
E&I
HSE
MANAGEMENT

PROJECT EXCELLENCE ACROSS THE MIDDLE EAST AND AFRICA

© 2026 UNEPP. © 2026 UNIFIED. All rights reserved