

APPROVED

By Ismail Sultan at 6:32 pm, Jan 11, 2017

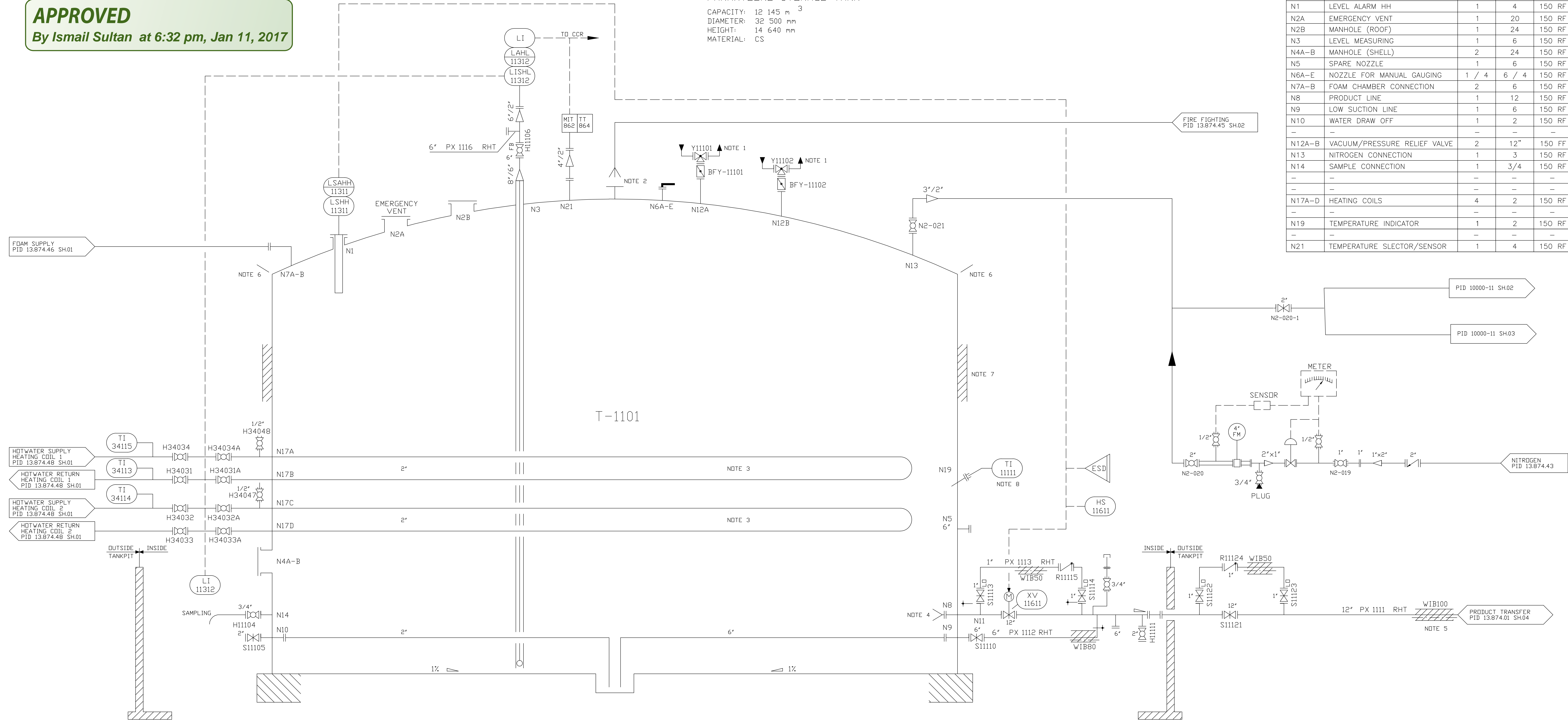
T-1101

PARAXYLENE STORAGE TANK

CAPACITY: 12 145 m³
DIAMETER: 32 500 mm
HEIGHT: 14 640 mm
MATERIAL: CS

LIST OF TANK NOZZLES

| ITEM | DESCRIPTION | QTY | NOM. SIZE INCH | PRESS. RATING |
|--------|------------------------------|-------|----------------|---------------|
| N1 | LEVEL ALARM HH | 1 | 4 | 150 RF |
| N2A | EMERGENCY VENT | 1 | 20 | 150 RF |
| N2B | MANHOLE (ROOF) | 1 | 24 | 150 RF |
| N3 | LEVEL MEASURING | 1 | 6 | 150 RF |
| N4A-B | MANHOLE (SHELL) | 2 | 24 | 150 RF |
| N5 | SPARE NOZZLE | 1 | 6 | 150 RF |
| N6A-E | NOZZLE FOR MANUAL GAUGING | 1 / 4 | 6 / 4 | 150 RF |
| N7A-B | FOAM CHAMBER CONNECTION | 2 | 6 | 150 RF |
| N8 | PRODUCT LINE | 1 | 12 | 150 RF |
| N9 | LOW SUCTION LINE | 1 | 6 | 150 RF |
| N10 | WATER DRAW OFF | 1 | 2 | 150 RF |
| - | - | - | - | - |
| N12A-B | VACUUM/PRESSURE RELIEF VALVE | 2 | 12" | 150 FF |
| N13 | NITROGEN CONNECTION | 1 | 3 | 150 RF |
| N14 | SAMPLE CONNECTION | 1 | 3/4 | 150 RF |
| - | - | - | - | - |
| - | - | - | - | - |
| N17A-D | HEATING COILS | 4 | 2 | 150 RF |
| - | - | - | - | - |
| N19 | TEMPERATURE INDICATOR | 1 | 2 | 150 RF |
| - | - | - | - | - |
| N21 | TEMPERATURE SLECTOR/SENSOR | 1 | 4 | 150 RF |



TI 99101 AMBIENT TEMPERATURE

XI 99701 WIND SPEED

XA 99799 FIRE DETECTION

NOTES:

- 1 : SET PRESSURES -50/+500mm WG
- 2 : WATER REFLECTION PLATE AT CENTER OF TANKROOF
- 3 : HEATING COIL, DUTY 35 kW EACH
- 4 : DIFFUSOR v OUTLET <1m/s
- 5 : ALL INSULATED LINES TO BE PROVIDED WITH ELECTRICAL TRACING
- 6 : TANK COOLING WATER DISTRIBUTION RING
- 7 : INSULATION ONLY AT SHELL ,NOT DN ROOF
- 8 : LOCATION 1500 mm ABOVE TANK PIT FLOOR

LEGEND:

LO LOCKED OPEN

| | | | | |
|------|----------|------|---------|---|
| 11 | 22.12.16 | MHS | SMM | NITROGEN BALANCING LINE ADDED |
| 10 | 16.09.12 | ZMS | UAM | AS BUILT |
| 09 | 15.12.03 | MAA | IU | THIRD AS BUILT CORRECTED |
| 08 | 10.7.2K | MIM | IU | SECOND AS BUILT CORRECTED |
| 07 | 15.05.98 | Wey | Go | FIRST AS BUILT CORRECTED |
| 06 | 09.03.98 | Wey | Go | AS BUILT |
| 05 | 03.09.97 | Zahr | Sch | NO CHANGES |
| 04 | 24.04.97 | Zahr | Sch | GENERAL REVISION |
| 03 | 06.12.96 | Zahr | Sch | VENDOR INFORMATION AND COMMENTS OF CLIENT ADDED |
| 02 | 08.10.96 | Zahr | Sch | GENERAL REVISION+DESIGN REVIEW 04.10.96 |
| 01 | 22.08.96 | Mn | | COMMENTS ACC. TO DESIGN REVIEW 13.08.96 |
| rev. | date | made | checked | description of revision |

| | | | | | | | |
|---------|----------|------|------|-------|----------|-------|-------|
| checked | date | name | sign | scale | DIN size | sheet | sheet |
| | 18.09.09 | BIK | | % | A1 | 01 | 05 |

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|-------------|----------|--------|-----|
| project no | ident no | dok no | rev |
| 22071387401 | A01 | | 17 |

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| ENGRO | ENGRO PAKTANK TERMINAL LTD. |
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| PID PARAXYLENE TANK T-1101 | EPTL doc no | rev. |
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