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|  | DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT |  |
| | DOCUMENT TITLE: K.O. Drum Data Sheet | POI: IFA |
| Contract No.: DPIC/98-12 | DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0082 | Rev. No.: D2 |

DOCUMENT TITLE:

**K.O. Drum Data Sheet
(D-PK6101-3)**

| | | | | | |
|--------------------------------------------|------------------------------------------------------------|-----------------|----------------|-----------------|---------------------------------------------------------------------------------------|
| PURCHASER'S COMMENT/APPROVAL STATUS | | | | | Purchaser: NARGAN |
| 1 | AP: Approved (Released for Manufacturing) | | | | Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D2 |
| 2 | AN: Approved With Minor Comments (Fabrication may Proceed) | | | | |
| 3 | NF: Approved With Comments (Fabrication not Proceed) | | | | Item No. (Tag No.): PK-6101 |
| 4 | RJ: Rejected | | | | |
| 5 | NR: Not be Returned | | | | Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0082-D2 |
| Date: XX.XX.XX Signature: | | | | | |
| | | | | |  |
| D2 | 24.Jan..22 | R.GOUDARZI | DR.A.NEJATI | DR.A.NEJATI | |
| D1 | 20.Dec..21 | R.GOUDARZI | DR.A.NEJATI | DR.A.NEJATI | |
| D0 | 19.Nov..21 | A.VOSOUGH | DR.A.NEJATI | DR.A.NEJATI | |
| REV | DATE ISSUE | PREPARED | CHECKED | APPROVED | |

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| 1 | x | x | x | | |
| 2 | x | x | x | | |
| 3 | x | x | x | | |
| 4 | x | x | x | | |
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|  | | DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT | | | | |  | | | |
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| VESSEL | | | | | | | | | | |
| 1 | SERVICE | K.O. DRUM | | | ITEM NO. | D-PK-6101-3 | | | | |
| 2 | TYPE | VERTICAL | | | QUANTITY : | 1 | | | | |
| 3 | SHELL ID / OD : | 1800 / 1844 | TL.TL.: | 2800 mm | CAPACITY | SHELL : | 7.78 | m ³ | | |
| 4 | JACKET ID : | - | TL.TL.: | - mm | | JACKET: | - | m ³ | | |
| 5 | WEIGHT: | EMPTY: | OPERATING: | kg | INSTALLATION: | OUTDOOR | | | | |
| 6 | DESIGN & TEST DATA | | | | MATERIALS | | | | | |
| 7 | | SHELL | | JACKET | | SHELL | | JACKET | | |
| 8 | CODE & STD | ASME SECT.VIII (NO STAMP) | | | SHELL/PADS | SA-516 GR70N | | - | | |
| 9 | FLUID | PROPYLENE | | | HEAD | SA-516 GR70N | | - | | |
| 10 | TEMPERATURE | DESIGN | -45/135 °C | - °C | GIRTH FLG/CV | - | | - | | |
| 11 | | OPERATING | -25.0 °C | - °C | NOZZLE NECKS | SA-333 Gr6 | | - | | |
| 12 | PRESSURE | DESIGN | 23.0 BarG | - BarG | NOZZLE FLANGE | SA-350 LF2 | | - | | |
| 13 | | OPERATING | 1.6 BarG | - BarG | INTERNALS | S.S. 304 | | - | | |
| 14 | | VACUUM | 1.013 BarA | - BarG | INT PIPES | S.S. 304 | | - | | |
| 15 | DENSITY @PT | 5.8 | kg/m ³ | - kg/m ³ | BOLTS / NUTS | NZL FLG | - | | | |
| 16 | VISCOSITY @PT | 0.007 | cP | - cP | | GIRTH FLG | - | | | |
| 17 | CORROSION ALLOW. | 3 | mm | - mm | | INT | - | | | |
| 18 | | | | | | EXT | A193Gr.B7/A194Gr.2H | | | |
| 19 | TEST | HYDRO | 30 BarG | - BarG | GASKET | NZL FLG | SPIRAL WOUND | | | |
| 20 | | PNUEM LEAK | - BarG | - BarG | | GIRTH FLG | - | | | |
| 21 | | VACUUM | 0.02 BarG | | | INT | - | | | |
| 22 | POST WELD HEAT TREAT | AS PER CODE | | | SADDEL/PADS | SA-516 GR70N | | - | | |
| 23 | RADIOGRAPHIC EXAM. (CYL/HD) | FULL/FULL | | | CLIPS/PADS | - | | - | | |
| 24 | JOINT EFF (CYL/HD) | | | | ANCHOR BOLT | A36 | | - | | |
| 25 | WELDER'S QUALIF | | | | LIFTING LUG/PAD | SA-516 GR70N | | - | | |
| 26 | SEISMIC COEF | AS PER SPEC. | | | BLIND FLANGE | SA-350 LF2 | | - | | |
| 27 | WIND LOAD | AS PER SPEC. | | | | | | | | |
| 28 | TYPE OF HEAD | ELLIP. 2:1 | | | | | | | | |
| 29 | INSULATION (THK,AREA) | COLD | 100 | mm | REMARKS: | | | | | |
| 30 | SURFACE PREP EXT/INT | - / - | | | | | | | | |
| 31 | FIRE PROOFING | NO | | | | | | | | |
| 32 | PAINTING | YES | | | | | | | | |
| 33 | ACCESS. & SPL PARTS | LIFT LUG, NAME PL | | | | | | | | |
| 34 | | EARTH LUG | | | | | | | | |
| 35 | | | | | | | | | | |
| 36 | | | | | | | | | | |
| 37 | SPARE PARTS | | | | | | | | | |
| 38 | TOLERANCE | | | | | | | | | |
| 39 | NOZZELS & OPENINGS (per one shell) | | | | | | | | | |
| 40 | MARK | NOMINAL DIA. | NO. | FLANGE | | | WALL THK | SERVICE | ELEV. | NOTES |
| 41 | | | | RATING | TYPE | FACE | | | | |
| 42 | A1 | 12" | 1 | ASME 300# | WN | RF | | PRORYLENE INLET | | |
| 43 | A2 | 8" | 1 | ASME 300# | WN | RF | | START-UP BYPASS INLET | | |
| 44 | B | 12" | 1 | ASME 300# | WN | RF | | PRORYLENE OUTLET | | |
| 45 | D | 2" | 1 | ASME 300# | WN | RF | | DRAIN | | |
| 46 | | | | | | | | | | |
| 47 | LT1,2 | 2" | 2 | ASME 300# | WN | RF | | LEVEL TRANSMITTER | | |
| 48 | M1 | 20" | 1 | ASME 300# | WN | RF | | MANHOLE | | |
| 49 | M2 | 6" | 1 | ASME 300# | WN | RF | | INSEPTION HOLE | | |
| 51 | SV | 2" | 1 | ASME 300# | WN | RF | | SAFETY VALVE | | |
| 52 | TI | 1/12" | 1 | ASME 300# | WN | RF | | TEMPERATURE GAUGE | | |
| 53 | V | 2" | 1 | ASME 300# | WN | RF | | VENT | | |
| 54 | | | | | | | | | | |
| 55 | | | | | | | | | | |
| 56 | | | | | | | | | | |
| 57 | | | | | | | | | | |
| 57 | T= TOP HEAD | | | S= SHELL | | | B= BOTTOM HEAD | | | |

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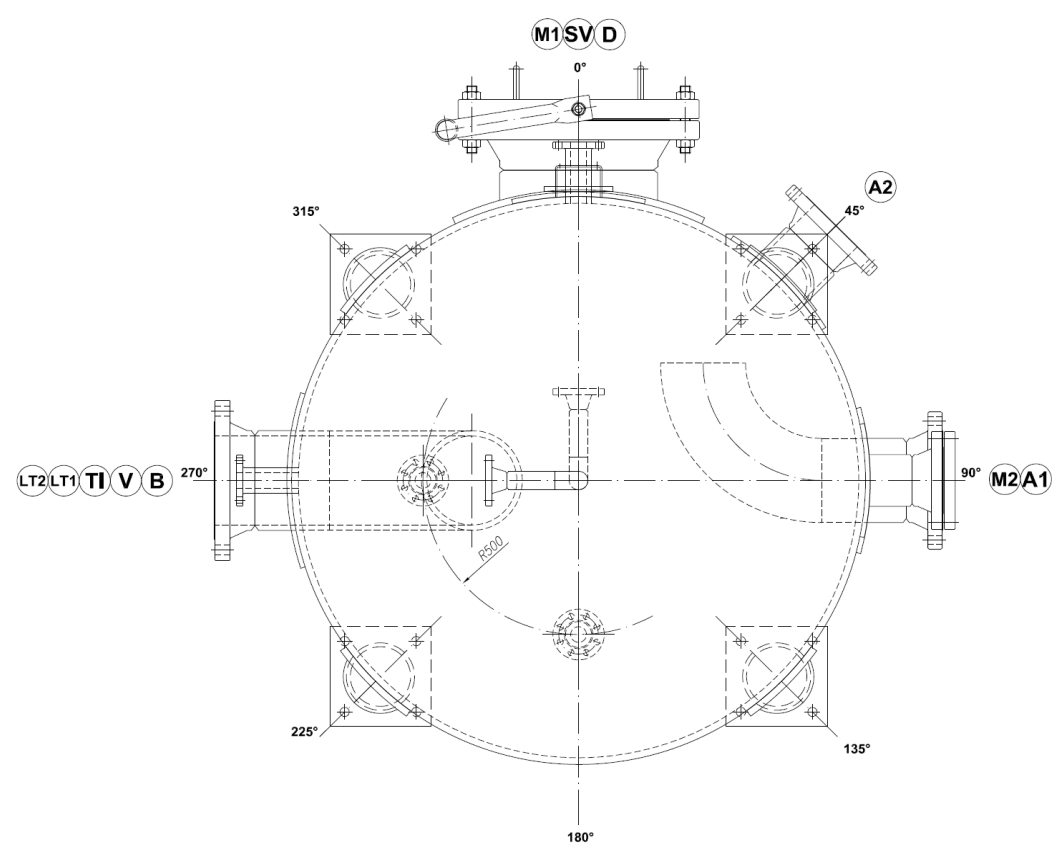
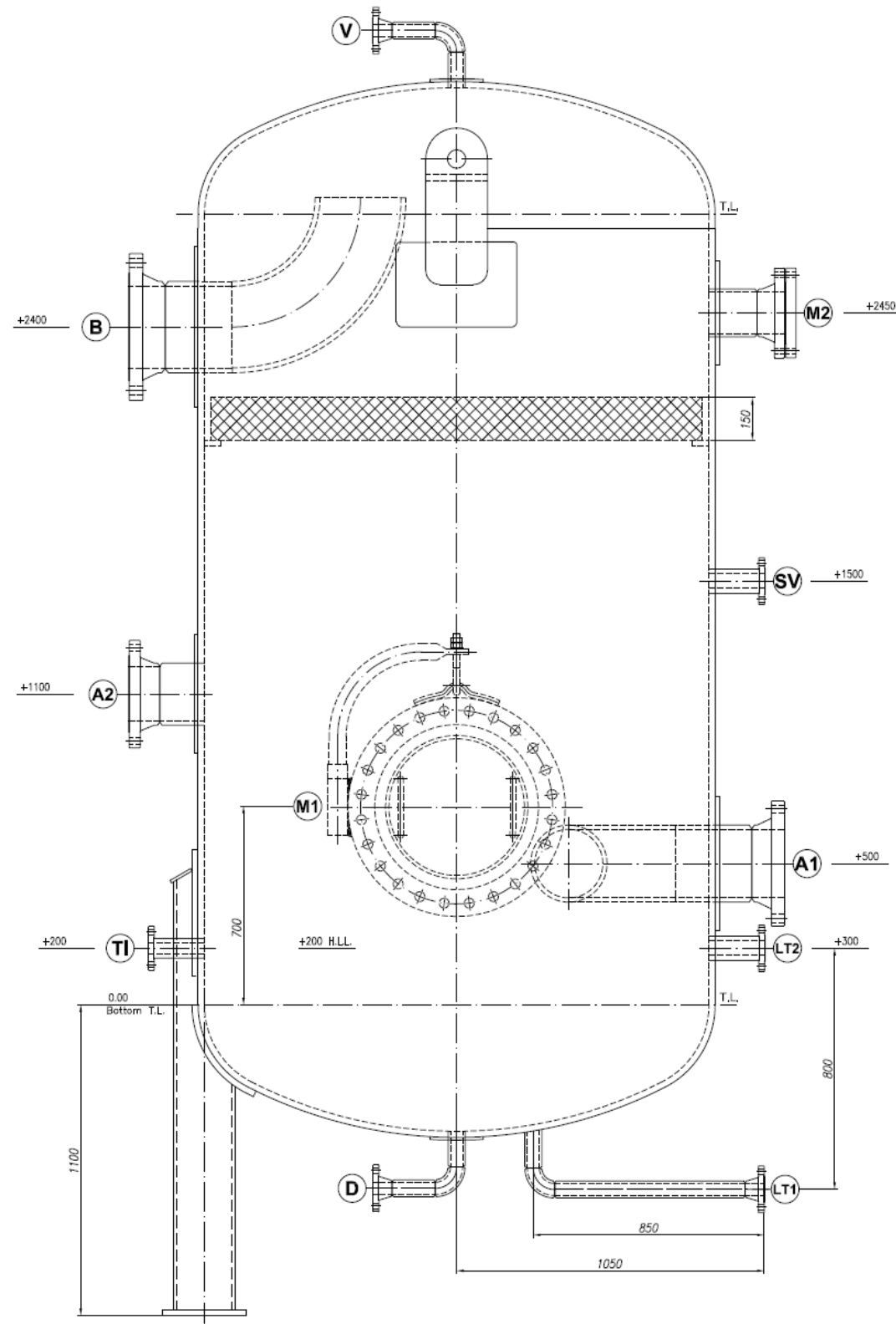
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SKETCH



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