



Kindly propose an alternative for this to avoid the catching of fire while doing PWHT(650degree C

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS
- MATERIALS AND CONSTRUCTION SHALL BE PER SPECIFICATION : 12.01.75.1601
- CONCRETE CLASS : C40 (40 N/mm² CUBE STRENGTH AT 28 DAYS)
MIN. CEMENT CONTENT : 380 kg/m³
CEMENT : MSRC
MAX. W/C RATIO : 0.40
MAX. AGGREGATE SIZE : 20 mm
BAR COVER : 75 mm
CORROSION INHIBITOR : MCI 2500 (1 l/m³) OR RHEOCRETE 222+ (5 l/m³)
- BLINDING CLASS : C20 (20 N/mm² CUBE STRENGTH AT 28 DAYS)
MIN. CEMENT CONTENT : 270 kg/m³
CEMENT : SRPC
MAX. W/C RATIO : 0.50
MAX. AGGREGATE SIZE : 20 mm
- REINFORCEMENTS : DEFORMED BARS BS 4449 GRADE 460, TYPE 2.
- CONCRETE PROTECTION : CONCRETE SHALL CAST OVER 75 mm BLINDING LAID OVER 1000 GAUGES POLYTHENE SHEET. R.C. STRUCTURES BELOW GROUND SHALL BE COATED WITH 2 COATS PITCH EXTENDED EPOXY RESIN (400 MICRONS THK) OR WITH COAL TAR EPOXY COAT (1 mm THK), R.C. SURFACES FOR A DEPTH OF 150 mm BELOW GROUND AND EXPOSED EXTERNAL SURFACES SHALL BE PAINTED WITH NITOCOTE FBC.
- SUBGRADE COMPACTION AT 95% MOD PER ASTM D 1557
- FOR FOUNDATION IN FILLING AREAS GENERAL FILL CUSHION COMPACTED AT 95% MOD ASTM D-1557 UP TO NATURAL GRADE LEVEL SHALL BE PROVIDED.
- SBC OF SOIL AT FOUNDING LEVEL TO BE 200 kN/m² AND THE SAME SHALL BE ACHIEVED PRIOR TO THE CONSTRUCTION OF THE FOUNDATION.
- ANCHOR BOLTS LAYOUT MUST BE MATCHED WITH VENDOR DATA DIMENSION.
- CONCRETE PAVING SHALL BE CASTED AT SITE AFTER COMPLETING THE PIPE SUPPORT FOUNDATION.
- GEOTEXTILE MEMBRANE TYPE - NILONON No: 66339 or EQUIVALENT.
- TELLTALE PIPE TO BE POSITIONED EVERY 2945mm C/C SYMMETRICALLY BETWEEN ALTERNATE PAIRS OF HOLDING - DOWNBOLTS, AS PER S51.045-C

LEGEND

- CL - CENTER LINE
- THK - THICKNESS
- FGL - FINISHED GROUND LEVEL

REFERENCE DRAWINGS

| TITLE | DRG. No. |
|----------------------------------------------------------|---------------|
| PIPING LAYOUT AREA : R19 BUHASA | 12.01.13.1601 |
| PIPING LAYOUT AREA : R20 BUHASA | 12.01.13.1602 |
| PIPING LAYOUT AREA : X-5 BUHASA | 12.01.13.1605 |
| PIPE SUPPORT & FOUNDATION LAYOUT FOR PROCESS WATER TANK | 12.01.76.1602 |
| PIPE SUPPORT & FOUNDATION DETAILS FOR PROCESS WATER TANK | 12.01.76.1603 |

| REV. | DATE | DR'N. | CH'D. | AP'D. | DESCRIPTION |
|------|------------|-------|-------|-------|-------------------------|
| 1 | 31.10.2013 | SA | RK | | ISSUED FOR CONSTRUCTION |
| E | 23.07.2013 | SA | RK | CG | RE-ISSUED FOR APPROVAL |
| D | 16.05.2013 | SA | RK | CG | RE-ISSUED FOR APPROVAL |
| C | 16.04.2013 | SA | RK | CG | RE-ISSUED FOR APPROVAL |
| B | 13.02.2013 | SA | RK | CG | ISSUED FOR APPROVAL |
| A | 29.01.2013 | SB | VKR | DY | ISSUED FOR REVIEW |

SCALE: AS SHOWN LOCATION: BU HASA PROJECT No. P12443

شركة أبوظبي للعمليات البترولية البحرية (أدكو)
Abu Dhabi Company for Onshore Oil Operations (ADCO)

CONSULTANT: TECNOCONSULT
CONTRACTOR: MATRIX CONSTRUCTION

DRAWING No. 12-01-76-1606-1
PROJECT: EPC FOR BATCH-1 PLANT MODIFICATION AT BU HASA
NEW PROCESS WATER STORAGE TANK

ORG. TITLE: FORMWORK & REINFORCEMENT DETAIL FOR TANK T-2205 FOUNDATION

ADCO DRG. No. 12017616061 1/1
AREA P/AREA DOC. CODE SERIAL No. REV. SHIT OF SHIT

| BAR SHAPE | BAR MARK | BAR DIAMETER | NUMBER OF BAR | LENGTH L=a+b+c | WEIGHT OF BAR | TOTAL WEIGHT | DIMENSIONS | | | |
|-----------|----------|--------------|---------------|----------------|---------------|--------------|------------|-----|---|------|
| | | | | | | | a | b | c | LL |
| A1 | 25 | 120 | 120 | 12000 | 46.2 | 5544 | 12000 | | | 1250 |
| A2 | 25 | 14 | 14 | 5000 | 19.3 | 270 | 5000 | | | 1250 |
| A3 | 25 | 2 | 2 | 6700 | 25.8 | 52 | 6700 | | | 1250 |
| A4 | 25 | 14 | 14 | 8500 | 32.8 | 459 | 8500 | | | 1250 |
| B1 | 12 | 948 | 2400 | 2.1 | 2019 | 700 | 400 | 100 | | |
| TOTAL | | | | | | 8344 | kg | | | |
| LL = | | | | | | LAP LENGTH | | | | |