

Properties of natural rubber
 Rubber Lining Thickness - 6mm
 (3mmx2 Layers)

Hardness : Shore D 80±5°
 Tensile Strength : 150 -180 kgf/cm²
 Sp. Gr. : 1.1 to 1.2
 Elongation : 450 % Min.
 Ash Content : 7% Max.
 Resilience : 60±5 %
 Abrasion Resistance : 65 mm³ at 10 N
 as per DIN 53516
 Adhesion : 3.6 Kg/CM as per
 IS:3400 Part V

- NOTE :-
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
 2. ALL NOZZLES / PIPES SHOULD BE OF SEAMLESS PIPE SCH.80
 3. ALL NOZZLES ARE WELDED WITH PATCH PLATE OF THK. 6 mm FROM INSIDE & OUTSIDE.
 4. ONLY ARC WELDING ALLOWED.
 5. HAND RAIL : 32 NB M.S. PIPE MEDIUM CLASS IS:1161 MEDIUM
 6. FLANGE DRILLED AS PER ANSI-16.5 CLASS 150
 7. ALL JOINTS SHALL BE PREPARED AND WELDED CONFORMING TO IS:803
 8. BOTTOM PLATES ARE OF SINGLE WELDED FILLET LAP JOINT CONSTRUCTION
 9. TANK SHALL BE PAINTED FROM OUTSIDE WITH SMOKE GREY FOLLOWED BY RED OXIDE PRIMER.

MATERIAL :- M.S. R.L.

. 6 mm THK. RUBBER LINING (2 LAYERS OF 3 mm EACH)
 . PLATES STRUCTURAL STEEL - SAIL/JINDAL MAKE

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| 1 | MKS | 07.08.14 |
| REV. | REV.BY | DATE |

RUBBER HARDNESS CHANGED
 DESCRIPTION

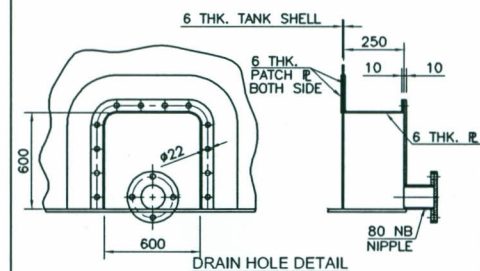
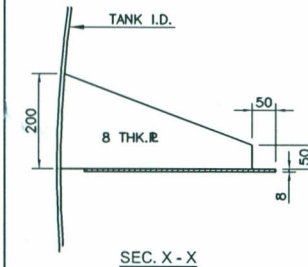
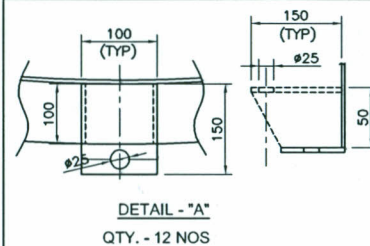
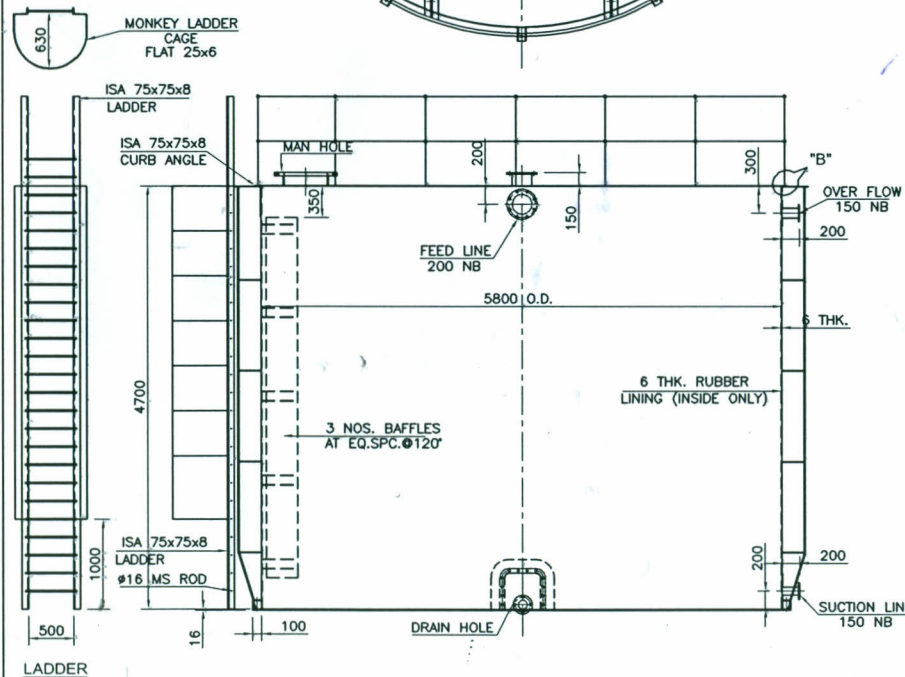


URANIUM CORPORATION OF INDIA LTD. TURAMDHI MINES
 (A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

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| DRN. | Rajesh | 10.07.14 |
| CHECKED | MKS | |
| APPROVED | | |
| SCALE | | |
| DIMENSIONS IN MM | | |


TITLE
 PRODUCT PRECIPITATION TANK (NEW)
 (7V-)

DRG.NO.- UCT-2/MECH/TANK/169 REV.- 1



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|---------------------|--|
| Hardness | : Shore D 80±5° |
| Tensile Strength | : 150 -180 kgf/cm ² |
| Sp. Gr. | : 1.1 to 1.2 |
| Elongation | : 450 % Min. |
| Ash Content | : 7% Max. |
| Resilience | : 60±5 % |
| Abrasion Resistance | : 65 mm ³ at 10 N as per DIN 53516 |
| Adhesion | : 3.6 Kg/CM as per IS:3400 Part V |

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED
2. ALL NOZZLES / PIPES SHOULD BE OF SEAMLESS PIPE SCH.80
3. ALL NOZZLES ARE WELDED WITH PATCH PLATE
OF THK. 6 mm FROM INSIDE & OUTSIDE.
4. ONLY ARC WELDING ALLOWED.
5. HAND RAIL : 32 NB M.S. PIPE MEDIUM CLASS IS:1161 MEDIUM
6. FLANGE DRILLED AS PER ANS-B 16.5 CLASS 150
7. ALL JOINTS SHALL BE PREPARED AND WELDED
CONFORMING TO IS:803
8. BOTTOM PLATES ARE OF SINGLE WELDED FILLET LAP
JOINT CONSTRUCTION
9. TANK SHALL BE PAINTED FROM OUTSIDE WITH SMOKE
GREY FOLLOWED BY RED OXIDE PRIMER.

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|  URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES (A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY) | | | |
| DRN. | Rajesh | 08.07.14 | TITLE |
| CHECKED | MKS | | IRON THICKENER OVERFLOW TANK (NEW) |
| APPROVED | | | (7V-) |
| SCALE | | | |
| DIMENSIONS IN MM | | | DRG.NO.- UCT-2/MECH/TANK/167 |
| | | | REV.- 2 |