

SUMP TANK SOP

Lining up of sump tanks:

1. During regular operation activities, Confirm regarding the Product change from Control Room.
2. If product is MS-VI, Line up 20 KL sump tank and close the inlet valve of 70 KL sump tank.
3. If product is HSD-VI/HPCK/SKO, Line up 70 KL sump tank and close the inlet valve of 20 KL sump tank.

Sump Pump Operation:

1. Take Permission from the control room before starting sump pump.
2. Collect the sample and send to lab for testing. Based on blending ratio received from lab evacuate the product from tank.
3. Line up 70 KL sump tank to HSD tank (TK3A/TK3B), If HSD tank is available for receipt operations
4. Line up 20 KL sump tank to MS tank (TK1A/TK1B/TK1C), if MS tank available for receipt operations.
5. Sump tank can also be lined up to mainline to evacuate the product from sump tank to mainline.
6. Line up the sump pump discharge header valve and start the required sump pump.
7. Check sump tank level regularly to ensure flow of product from the sump tank.
8. Low level of sump tanks- 70 KL (45 Cm) & 20 KL (15 Cm).
9. To stop sump pump consult with control room and stop the pump after getting clearance from the control room.
10. Close the discharge header valve of the sump pump.
11. Check the final sump tank level.

To empty out product from ERV:

1. Take permission from the control room.
2. Ensure proper earthing of ERV.
3. Ensure enough amount of ullage is available in the required sump tank.
4. Connect flexible hose to sump tank 70 KL/ 20 KL depending upon the requirement.
5. Open the outlet valve of the ERV and drain the product into the sump tank.
6. Monitor the sump tank level at regular intervals.
7. After emptying out the product from ERV, Inform the control room and then disconnect the flexible hose from the sump tank
8. Check the final sump tank level.
9. Ensure nil Spillage.