

BASKET FILTER CLEANING SOP

1. Do the cleaning of Basket Filter-101A or 101B only when HSD is available in the Station.
2. Take cold work permit for cleaning of basket filter.
3. Ensure sufficient ullage in the HSD Sump tank for accommodating the drain product from Basket filter.
4. For making standby basket filter online open downstream valve- (HOV 64/HOV 65) then open the upstream valve (MOV 1610/1611).
5. Ensure physically that both the valves of standby basket filter are open in field then only close the upstream valve (MOV 1610/ MOV 1611) followed by downstream valve (HOV 64/ HOV 65) of the basket filter to be cleaned.
6. After confirming that the basket filter to be cleaned is Offline, Open the vent valve for passage of Air in Offline Basket filter.
7. Then drain the product into the HSD sump tank.
8. After complete draining of Basket filter product, door of the Filter with the help of crane.
9. Then pull the filter with the help of chain pulley block.
10. Arrange to hang the filter vertically for cleaning purpose.
11. After collecting the residue, weigh it and note it down in the log-book and place it at the designated place to avoid any contamination.
12. After the cleaning of filter element, place the same in the barrel.
13. Using the chain pulley block, box-up basket filter and tighten the nut bolts.
14. Apply grease over all the nuts and bolts to avoid any corrosion.
15. Close the drain and vent valve.
16. Now charge the basket filter with product in coordination with control room.