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Ibis Technical Bulletin-CVS Filter Maintenance # 041409

Ref: Central Vacuum System (CVS) Secondary Filter Tank Bag Service

Bag & Cage Removal

1. Follow safety lockout procedure for all utilities.
2. Be sure that the filter tank is under zero pressure before opening any access.
3. Open the filter bag chamber access door(s).
4. Open the dome top access port(s).
5. Remove the bottom dust bucket and valve assembly at the hopper bottom.
6. Insert a small work pallet in the hopper section of the tank and/or a short ladder by the side door.
7. Using the ladder, a worker should be positioned at the tank access door.
8. A worker should be positioned at the tank top access port.
9. From the top access port, remove the filter bag cage holding bolt.
10. DO NOT attempt to remove the cage from the filter bag.
11. Using your fingers, depress the bag snap ring until it passes through the tube sheet hole.
12. The filter bag with cage can now be lowered down to the worker at the side access door.
13. Drop the bag & cage assembly down through the dust bucket opening and back up and out through the side access door.
14. Repeat this procedure for all of the bag & cage assemblies.
15. Inspect the interior above and below the tube sheet. Repair/Replace any item as required.

Bag & Cage Installation

16. Position workers at the top and side access ports/doors.
17. Pass the bag and cage assembly through the side door up to the tube sheet.
18. Install the first bag and cage assembly in the position the greatest distance from the door.
19. Lift the bag and cage assembly up so that the cage yoke passed through the tube sheet.
20. During the re-installation, the worker inside the tank will position the bag snap ring.
21. Depress the snap ring and push through the hole in the tube sheet. The top worker will assist.
22. The top worker will check the snap ring for proper fit then re-bolt the bag cage yoke.
23. Proceed with the remaining bag and cage assemblies moving toward the side door.
24. After all bags are in place, check above and below the tube sheet for proper position and fit.
25. Before closing the door(s) and top port(s), check to be sure all tools, platforms, etc are removed.
26. Close the tank door, re-bolt the top port and re-install the dust bucket.
27. Check all compressed air, water, instrument and electrical connections.
28. The lockouts may now be removed and the electrical and compressed air turned on.
29. Note the date of the performed maintenance and start the Central Vacuum System.

ibis CVS Filter Tank clean side as viewed the from tank top access port



