

4.6 Abrasive/Sludge Hopper Maintenance

The Abrasive Bag Hopper should be visually inspected to be aware of solids level. Service before the solids level reaches Abrasive Bag Hopper's 3" Decant outlet, approximately one-half to two-thirds full. **NEVER** allow spent abrasive to reach the decant port as this can cause damage to the centrifugal pump and other components.

To replace Abrasive Hopper Bag:

- 1) Shut system off.
- 2) Drain excess water that is on top of garnet and transfer it to the work tank.
- 3) Undo cam lock on decant hose line.



- 4) Carefully move Abrasive Bag Hopper out from under separator purge to a location convenient for changing hopper bag.
- 5) Remove stainless steel overflow baffle from hopper.
- 6) Fold over top ruffle portion of the hopper bag to gain access to the four lifting straps.



- 7) Using the lifting straps on the bag, slowly lift out of the hopper with hi-low forks or an overhead crane and place on a skid or pallet.
(Allowing some time to let the bag drain will reduce fluid leakage upon storage)

8) To install a new bag. Cut a hole in the duffle top section of the bag where the decant line connects to the hopper. A hole is needed on both the inside and outside of the bag.

9) Place the hopper back in position under the system and re-install hopper overflow baffle making sure that the cut opening stays in place and has not shifted.

10) Re-connect cam lock and fill the bag with available make-up water.

