

Progressive Pigging Method



1. **Isolate** the line to be cleaned from the system.
2. Check to make sure that **all** valves on the line to be cleaned are open.
3. Turn on the water to double check the **direction of flow**.
4. Run a line size swab to prove the flow and “**true size of opening**”
5. Examine the swab after it has been discharged. Measure its diameter and introduce a coated pig into the line that will just fit the “**true**” opening. Run a line size swab behind the coated pig to assure a tight seal. Continue this process until a pig is discharged from the pipeline in reusable condition.
6. Increase the size of the coated pig until the used pig measures the same I.D. as the pipeline being cleaned. For pipes with a buildup of hard scale, such as iron oxide, wire brush pigs can be applied on final passes.
7. Run a full sizswab to sweep out any loosened debris.

Special Notes for Best Cleaning Results:

1. Flush line after each pig run until water is clear.
2. Run pigs until desired “**C-factor**” is reached.
3. To assure against excessive abrasion, do not apply more than **two** wire brush pig passes as final passes.
4. Flush **all** lines that were shut down during cleaning, in sequence, from the launch point to the discharge point.
5. Ideal pigging speed is between **2 and 5 feet per second**.

Note: These methods are suggested procedures, your particular application may require that you have “technical assistance” in running your cleaning pigs.