

The Amperometric Flowcell used for Cyanide analysis will require polishing in an ongoing fashion.

1. Disassemble the flowcell, paying special attention to where 0.005 or 0.15 gasket is because it can be lost easily.
2. Dry off the gasket and top piece very well, set aside.
3. Find a hard flat surface with no bumps or irregularities and place a large round “drop” of water on the 3000-grit wet sand paper. Can also use 1500 or 2000 for a more rigorous polishing.
4. Turn the bottom piece with silver upside down on the water and rub back and forth, side to side across the water in the direction of the flow path created in the gasket. Apply a slight pressure not too much, should move easily. Approximately 25-50 back and forth movements should be enough for a general polishing.
5. Dry off completely, ensuring no liquid is present. Assemble the flowcell.
6. Initially it may be necessary to run the curve several times to stable the signal. Or run the high standard of the curve 6-9 times until baseline is stable and quiet and peaks are normal height and shape.

