

**Warning**

Never touch valves 7 and 1. This will result in KrF premix flowing into the room.

## Evacuate laser tube

1. Open He tank and line to the laser. 2 Open, 3, Open, R 01 to 5 bar, 11 open.
2. On laser control press PURGE → PURGE RESERVOIR → EXECUTE. Pressure will go down to 30 mbar and up to 1 atm with He.
3. Close 11.
4. Flip lockout/tagout switch.
5. Set N<sub>2</sub> tank to 80 psi.
6. Set Purge Control to 10.
7. Open KrF tank.
8. Press F2. Open MV 06. Turn R 02 to 50 psi.

## Clean Lines & Fill

1. Open MV 09 for a second.
2. On control panel, FLUSH LINE → BUFFER → ENTER → EXECUTE
  - (a) Repeat three times.
3. Leave 9 open.
4. On control panel, NEW FILL → ENTER → EXECUTE
5. Press F2. Close KrF tank.

## Flush Lines

1. Close MV 09.
2. On control panel, FLUSH → BUFFER → ENTER → EXECUTE.
3. Open and close MV09. Repeat until PSW 02 and P 102 show 0.
4. Close 6.
5. Open 4, 6, F3 with P101 at 5.

6. Open and close 9.
7. PURGE LINE → BUFFER → ENTER → EXECUTE
8. Close F3, 4, 6, 9. Everything should be closed now.

### **Vacuum lines**

- (a) 10, 8, 6, F3 (approx 5 sec)
- (b) F3, 6, 8, 10 (P 102 goes to 0)

### **Purge Lines**

- (a) 4, 6, F3 (with 2, 3 open)
  - (b) F3, 6, 4 (P 102 goes to 60)
9. Repeat Vacuum/Purge 3-4 times, ending on Vacuum cycle.
  10. Close R 02, R 01, cylinders, 2, 3.
  11. Press F4 on control panel to check filter.