

X22C BEAMLINE PADLOCK CHECKLIST

19 May 2000

- [] 1. Check flange control lock #C1. At Mirror Tank.
14 capture points (11 visible, 3 hidden).
 - [] 2. Check flange control lock #C2. At Mirror Tank.
7 capture points (1 visible, 6 hidden).
 - [] 3. Check flange control lock #C3. Downstream of Ion Pump P4C.
14 capture points (13 visible, 1 hidden).
 - [] 4. Check flange control lock #C4. Upstream of Monochromator Tank
7 capture points (3 visible, 4 hidden).
 - [] 5. Check flange control lock #C5. On Support Strut.
1 capture points (1 visible, 0 hidden).
 - [] 6. Check flange control lock #C6. On Support Strut.
1 capture points (1 visible, 0 hidden).
 - [] 7. Check flange control lock #C7. On Beam Line Jack Screw.
1 capture points (1 visible, 0 hidden).

Flange lock #C7 should be secure unless beamline is at zero mrad position. If beamline is in zero mrad position, then hutch access must be controlled administratively to ensure that no-one enters the hutch if the safety shutter is open.
 - [] 8. Check flange control lock #C8. On Monochromator Tank.
4 capture points (3 visible, 1 hidden).
 - [] 9. Check flange control lock #C9. Downstream of Mono Tank.
4 capture points (0 visible, 4 hidden).
 - [] 10. Check flange control lock #C10. Downstream of Mono Tank.
1 capture points (1 visible, 0 hidden).
 - [] 11. Check flange control lock #C11. At Photon Shutter.
8 capture points (8 visible, 0 hidden).
 - [] 12. Check flange control lock #C12. At Beam Stop on back of hutch.
4 capture points (4 visible, 0 hidden).
- [] ALL PADLOCKS IN PLACE AND LOCKED.

OPERATIONS COORDINATOR: _____ DATE: _____