

METHOD STATEMENT: Running up MICE Q1, Q2, Q3, D1 & D2 Q4, Q5, Q6

M.S.-Remote-Power-001

Jean-Sebastien Graulich

Three people required.

Communication will be maintained with MLCR by phone/walkie-talkie.

Magnet power supplies shall be switched on and made ready as per

<http://www.mice.iit.edu/mico/manuals/MMB-conventional-magnet-power-supplies-instructions-2.0.doc> & <http://www.mice.iit.edu/mico/manuals/2008-05-14-MAGNET-check-list-V1.0.pdf>

Running up magnets

1. The cooling water flow to the power supplies will be checked.
2. The keys of the magnet power supplies will be obtained from the MICE Operation Manager. The MOM will check that valid ATW and EPTW have been obtained.
3. The Power Supply Control units will be power up one by one, any internal interlock will be released and each unit will be set to REMOTE control. During all the process, two people will be around the Power Supply and 1 person will be sitting in the MLCR, in front of the Magnet remote control panel. The person sitting in the MLCR will make sure the power supplies themselves are not turned ON.
Only if the remote control is not operational, the power supply will be turned ON and the nominal current will be set locally.
4. If the MICE target is going to be turned ON, the MICE hall must be evacuated, searched and locked.
5. The power supplies will be turned ON from the remote control panel in MLCR.