

REPORT ON THE DISCUSSIONS OF THE FNAL MAGNET ACCEPTANCE COMMITTEE W/RESPECT TO LQXA04

The Fermilab magnet acceptance committee reviewed the data with respect to LQXA04. A summary of the comparison between the results and the criteria are presented in the summary table.

The magnet acceptance committee concludes the magnet is ready to ship.

LQXA04 (MQXA04) ACCEPTANCE CRITERIA SUMMARY

| criteria | Description | status | resp. party | reported by |
|----------|---|--------|-------------|-------------|
| 2.1.3 | THERMOMETER AND WARM UP HEATER INSTALLATION | OK | rb | rb |
| 2.1.4 | BUS WORK CHECKOUT | OK | rb | rb |
| 2.1.5 | ROOM TEMPERATURE HIPOT | OK | ml | ml |
| 2.1.6 | ROOM TEMPERATURE ELECTRICAL CHECKOUT | OK | ml | ml |
| 2.1.7 | PRESSURE TEST DOCUMENTATION | done | tn/tp | tp |
| 2.1.8 | LEAK CHECK DOCUMENTATION | done | tn/tp | tp |
| 2.1.9 | CRYOSTAT SAFETY DOCUMENTATION | done | tn/tp | tp |
| 2.1.10 | PIPE ASSEMBLY DOCUMENTATION | done | tn/tp | tn |
| 2.1.11 | WARM CRYOSTAT TO MAGNETIC AXIS REFERENCE | done | ps | ps |

OTHER:

LQXA04 includes corrector HCMCBX_001-SI000016 and quadrupole MQXA04.

The ID card for LQXA04 has been completed and is being transmitted separately.