

## REPORT ON THE DISCUSSIONS OF THE FNAL MAGNET ACCEPTANCE COMMITTEE W/RESPECT TO LQXA01

The Fermilab magnet acceptance committee reviewed the data with respect to LQXA01. 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.

### LQXA01 (MQXA01) ACCEPTANCE CRITERIA SUMMARY

criteria	description	status	resp. party	reported by
2.1.3	THERMOMETER AND WARM UP HEATER INSTALLATION	done	rb	rb
2.1.4	BUS WORK CHECKOUT	done	rb	rb
2.1.5	ROOM TEMPERATURE HIPOT	done	rb/ml	rb/ml
2.1.6	ROOM TEMPERATURE ELECTRICAL CHECKOUT	done	rb/ml	rb/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
2.2.1	COLD INSTRUMENTATION CHECK OUT	done	ml	ml
2.2.2	COLD HEATER CHECKOUT	done	ml	ml
2.2.3	COLD ELECTRICAL HIPOT	done	ml	ml
2.2.4	NO TRAINING DEGRADATION AFTER FULL ENERGY DEPOSITION TRIP	pass	Ps	ps
2.2.5	COLD ALIGNMENT	done	ps	ps

#### OTHER:

LQXA01 includes corrector HCMCBX001-SI000003 and quadrupole MQXA01.

The ID card for LQXA01 has been completed and is being transmitted separately.