

Modified To Do List (Part) for Ansaldo Magnets (2000 series) with Anticryostat

PT8 or PT7		Magnet trained as per training rules
PT	6.x	Training Quench warm up the magnet to 4.4 k (sign CRYO_OK_4.2K after analysis)
OR		
PT	10	Minimum Energy Quench @ 6.5kA (fast PA disabled) warm up the magnet to 4.4 k (sign CRYO OK 4.2K after analysis)
PT	9	HV Insulation Test (CDAP) at 4.4K
SPECIAL 1		SSL quench at 4.4k & nominal pressure- IF current is >10200A and quench location is confirmed & located inside the magnet - sign for warm up after analysis
ELSE		Ask Eq. Sup. to check the problem (if any) with shaft
	SPECIAL 2	Second SSL quench at 4.4 k & nominal pressure- sign for warm up after analysis
Make sure Quench Heaters are discharged before starting Thermal Cycle.		
PT	12	Warm Up. Put 2A in the magnet and launch Thermal Cycle in TEMA.
Electrical disconnection of the cables between TRU and mobile rack.		
Warm-up		
PT	13.1	IAP @warm. No Quench Heater Discharge Test.
	13.2	Resistance Measurement. (Quench Heaters, Voltage taps, Correctors, Cryo Heater and Temp. sensor)
PT	14	Sign for Standby / Stripping.