

After Thermal Cycle

Version 6.3 17/05/2005		LIST OF TESTS FOR SSS	<i>Estimated Time</i>	<i>estimate count [hours]</i>	<i>Documents</i>
	SCAN4	Scan the HV Mobile Rack	0:15	0:15	
PTC	2	CQBP HV Insulation test. "Cold initial before test connected to CFB"	1:45	2:00	CDBP HV
PT	1	IAP @cold. (Check of T-Coil, tuning of offset and compensation for Potaim cards and Qloc). (Not needed if the dipole was not removed from the bench)	1:30	3:30	
PTC	3	CQBP Resistance Measurement. (Quench Heaters)	0:15	3:45	CDBP Resistance
PTC	5.2	HALF HF. (Provoked Quench at 1.5 kA. Triggered by one card and protected by the other)	1:00	4:45	
PTC	6	Training Quenches. According to the current Thermal Cycle training flowchart.	8:00	12:45	
PTC	8	De-excitation. Ramp to 12000A and Slow PA. (If Slow PA was not performed at ultimate)	0:30	13:15	
	SCAN5	Scan the HV Mobile Rack	0:15	13:30	
PTC	9	CQAP HV Insulation Tests: "Cold final after test connected to CFB"	1:45	15:15	CDAP HV
PTC	10	Provoked Quench 1/2 HF@ 11850A.	0:30	15:45	
		Make sure Quench Heaters are discharged before starting Thermal Cycle.		15:45	
PTC	12	Warm Up. Put 2A in the magnet and launch Thermal Cycle in TEMA.	0:30	16:15	
		Electrical disconnection of the cables between TRU and mobile rack.			
Warm-up					
PTC	13.1	IAP @warm. No Quench Heater Discharge Test.	1:00	17:15	
PTC	13.2	CQW2 Resistance Measurement.	0:30	17:45	CDW2 Resistance
PTC	14	Sign for Standby / Stripping.	0:15	18:00	
	ICS5	SIGN TRAVELLER.			WP07
	SCAN6	After disconnection, scan the EMPTY label on the CFB.			
		Total Duration		18:00	