

**Check-list for filling magnet with LHe from QT Dewars**

Date: .....

Name (Shift Person): .....

Initial Status	Selected QT Dewar to fill (A? or B?)	
	Did you bring down the Dewar to 3psi?	
	Outside tank pressure (PT8) before filling	
	Magnet LHe level	
	Magnet Pressure	
	Riser location	
	Parallel plates relief pressure	
	TX1	
	Initial QT Dewar Level	
Cold-Circulation	Time of Opening VPC and VJV(A/B)	
	Did you wait for 10 mins?	
	Has TX1 gotten to a plateau below 95K after 10 mins	
	Time of setting the Mag. FC from "AUTO" to "OPEN"	
	Time of Opening the VJVT	
	Did separator relief valve open in the cave?	
Liquid Transfer	Time of Closing the VPC	
	Time of switching the Liquefier to Manual	
	Lowest flow to balance the Dewar Pressure around 5psi through SV501(A/B) and SV501(A/B)MQ)	

Steps to implement when the magnet LHe level reaches ~45%

Stopping transfer	Time of Opening VPC, closing both VJVT and VJV(A/B)	
	Time of closing SV501(A/B), changing Dewar pressure to 5psi, and switching the LQ to Liquefier mode	
	Time of switching to "AUTO" and set the automatic mode on Mag. Flow controller	
	Final QT Dewar level	
	Final Magnet level	
	Outside tank pressure (PT8) after filling	
	Did you change the Dewar Set Pressure back to 5psi?	
Transfer efficiency	What was the transfer efficiency?	