

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

Date: .....

Name (Shift Person): .....

Initial Status	Time	
	Outside tank pressure (PT8) before filling	
	Magnet LHe level	
	Magnet Pressure	
	Riser location	
	Parallel plates relief pressure	
	TX1	
	Selected QT Dewar to fill (A? or B?)	
	Initial QT Dewar Level	
Liquefier Prep	Time of LQ -> Manual Mode	
	Time when you open SVP(A/B)	
Cold-Circulation	Time of Opening VPC and VJV(A/B)	
	Did you wait for 8 mins?	
	<b>TX1 = TX2 = TX3 =</b>	
	Time of Opening the magnet-bypass fully	
	Time of setting the Mag. FC from "AUTO" to "OPEN"	
	Time of Opening the VJVT	
Liquid Transfer	Time of Closing the VPC	

<i>Time</i>	<i>Dewar P</i>	<i>Mag. P</i>	<i>P diff (psi)</i>	<i>FMR(slm)</i>	<i>Dewar Level (L)</i>	<i>Mag. Level (%)</i>

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 SVP(A/B)	
	Time of switching the LQ to Liquefier mode	
	Time of closing the magnet-bypass fully	
	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	
Transfer efficiency	What was the transfer efficiency?	