

2/17/2023

1:56:12 PM

SoLID - Solenoid Cooldown

He Valve Positions

96.36%	JTV2- Gas He Sup	-6.13%	JTV1-He Cold Ret
-5.68%	JTV6-LHe Bottom	90.00%	EBV8-He Warm Ret
-5.67%	JTV4-LHe Top		

N2 Valve Positions

-5.48%	JTV5-LN2 Top
9.02%	JTV3-LN2 Bottom

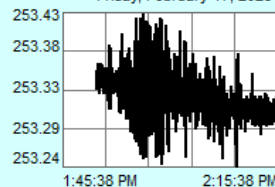
HX Valve Positions

67.12%	JTV9_HX_LN2
66.64%	JTV10-HX GHe

Magnet LN2 Ave Temp

253.31 K

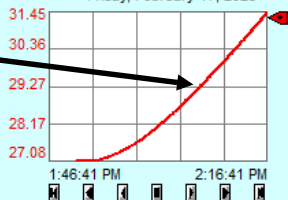
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LN2 Delta Temp: Shield

31.46 K

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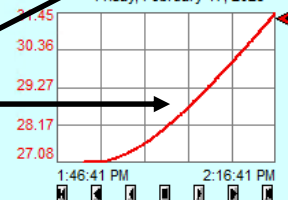


Max Delta Shield Temp 10 K

LN2 Delta Temp: Sup - Ret

31.46 K

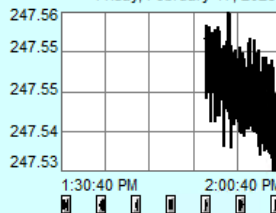
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Magnet He Ave Temp

247.54 K

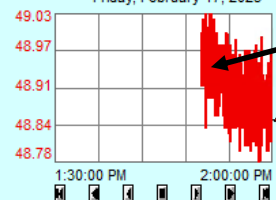
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Magnet He Coil Delta T

48.77 K

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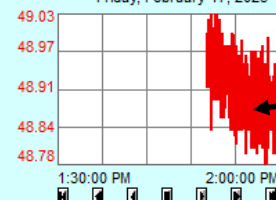


Max Delta Coil Temp 50 K

Magnet He Neck Delta T

48.77 K

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Max Delta Neck Temp 50 K

Quench Line Flow Limit: 20.0 g/sec.

Quench Line Flow: 9.0 g/sec.

4K Flow Limit: 60.0 g/sec.

4K Flow: 22.2 g/sec.

Helium

Cool Down at 62 K Delta T

Warm Gas CD Running
300K - 85K

Change mode when T_Avg reaches 100 K

Bottom Fill Enabled
4.5KChange mode when T_Avg reaches 9 K
and when level reaches 19 %

Helium Level: 0.00 %

Enable Level Control

Level Meters Off

Change text to:
"For JT2 & JT10"Display and chart SUB func
block output from
T_He_Coil_Delta_01 – page 5
D3Make this input for tag
"T_He_Delta_Coil_Set"Display and chart ABS func
block output from
T_He_Neck_Delta_01 – page 5
C6Make this input for tag
"T_He_Delta_Neck_Set"Change text as
shownAdd this input for tag
"LN2_CD_limit" and add label
as shown

Nitrogen

Top
FillStart Top Fill
When Level
Reaches:

10 %

and Shield
Temp. is < 110 KBottom
FillHX N2 Exhaust
Temp Set Point

90.00 K

JT3 LN2 CD
Temp Limit

66.00 K

Start HX at: 140 K
Warm Up To: 290 KWarm
Up