

Lithium Target Meeting Notes

Subject: Design Review

Date: 8/31/04

Attendees: Sushil Al Brian Claude Vince Momo Bob

Action Items:

- Design Requirement Changes
 - Design Temperature increased from 250 to 350 c
- Design pressure confirmed at 2000 psi
- ANALYSIS of pipe to be completed
- Bob Dortwegt and Don Hensley vessel safety
- Vince to order heaters and corrinate
- Weight of 20L and heaters on vessel to vender
- G10 may not be good at 350
- Nozzle has plastic to hold Sapphire
- Oil present in housing
- Machine off thread in housing and Seal holl in side attach to to VCR
- Level in Collection reservoir
- Glass viewport on top of vacuum vessel
- Wire level basket in Collection reservoir
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- Weight of Lithiurn 22 lbs for 20 liters and heaters
- Order more bodies
- Large nozzles in smaller sizes

Meeting - 8/31/2004, 10 AM, B2100

Brian R.

Vince N.

Frank D.

Sushil S.

Claude R.

Al B.

- 1) Operating parameters: 350 deg C, at 2000 psi
- 2) Li Volume in system still 20 liters
- 3) Pressure Tank weight to be determined prior to ordering lift table.
- 4) ASME spec used on pressure vessel.
- 5) Claude to send Frank vendor info from past job.
- 6) Overall weight of pressure vessel to include heaters, and Li. For calculating support ring on vessel.
- 7) In-line filter submitted to Brian for including it into the dwgs.
- 8) 55 mil and 4 mil nozzles submitted to Brian for needed dimensions to design the nozzle rod sub-assembly.
- 9) Vince to ask vendor if a 55 mil nozzle can be supplied with a 4 mil nozzle holder?
- 10) 55 mil nozzle to be used in the assembly first.
- 11) A level detection sub-assembly in the bottom of the collection vessel will be studied. The level detector will be used to determine Li presence during transfer to the pressure vessel. It will be utilized by viewing it downward through a view port in the top of the 6-way cross.