

UTTPS QM System Verification

Day 1 : Fill & Electronically test

- Fill the GSE 6L vessel: 3.5 kg
- Fill the loop: 1.55 kg
- Electronically: Wallops procedure part 1

Day 2: Test

- Run two pumps: 1 hour/each pump

System Condition:

Accu. set-point = 0°C, Pump speed= 6000 RPM, Climate Chamber = -7 °C, Lauda Chiller =-20 °C
Heat load: Ptop = 85W, Pbot = 65W

Day 3: Test

- Mass Verification in the refill vessel & Recycle CO2, Vent the loop
- Testing the command-file to operate the Marotta valves