

SpinQuest Polarized Target System Manual

Collect all the information on each subsystem for the target group. Currently, we are aiming to have some kind of a complete draft on Aug 1, 2023.

1. [Target Operator \(Old Page\)](#)
2. Full System P&ID: <https://seaquest-docdb.fnal.gov/cgi-bin/ssd/ShowDocument?docid=5834>
3. [QT System Manual](#)
4. [Magnet System Manual](#)
5. [Fridge System Manual](#)
6. [Target Lifter Manual](#)
7. [UVA-NMR System Manual](#)
8. [LANL NMR System Manual](#)
9. [Microwave System Manual](#)
10. [Roots-Pump System Manual](#)
11. [Target-Insert Manual](#)
12. [Target Materials Manual](#)
13. [Annealing System Manual](#)
14. [Device and Software for Readout and Control](#)
15. [Cooldown Checklist](#)
16. [Slow Cooldown Procedure](#)
17. [What to do when there is a planned power outage?](#)
18. [Target System Maintenance](#)
19. [Spinquest Target System ORCs](#)
20. [Useful Engineering Notes](#)
21. [Magnet Slow cooldown plan](#)
22. [DNP CH2 Target Polarization procedure?](#)
23. [TE Calibration with the SpinQuest Polarized Target System](#)
24. [How to order LN2 refill to the tank, gHe tube-trailer, LN gHe cylinders, and LN2 portable Dewars at FNAL](#)
25. [System Constants](#)

Images and Graphics

1. [Pictures at NM4](#)
2. [3D Model Images](#)