

LAr R&D Progress Report

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Lab Safety and Space Management

- LN2 plumbing from 6000-gallon
 - Having a meeting with MPO on 08/08 to discuss facilitating the project
 - Inquired a secondary quote from CryoFab for comparison, budgetary number expecting before the meeting
- Non-NRTL Equipment Inspector application
 - The training is complete
 - Application in progress
 - Need to pass a test with an inspector to be qualified

Chamber spectrometer measurement

- A test chamber for the spectrometer project
 - For the measurement of filters produced by Raytum
 - Measurement of detector performance in LAr
 - 3-inch Cryogenic PMT 11410-20A now expected on 09/26
 - The chamber is expected to be used for both vertical/horizontal arrangement
 - Horizontal: Vacuum and Gas measurement
 - Vertical: Cryogenic measurement, currently planning with no circulation
 - Started the safety review process for the chamber with the same requirements of the 260L top flange and dewar
 - Going to have a discussion on Thursday with Univ. of Edinburgh team for engineering design
 - A draft ESR available: https://docs.google.com/document/d/183S6oV7VyJr78qpTSI8RdzUy8CsWr1vbxCN6n05Oz_0/edit?usp=sharing



