

260-L LAr System Progress Report

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Lab Safety and Space Management

- **Safety reminders for the coming summer students**
 - A lot of summer students/interns are expected on-site during the summer
 - Please watch out for the summer students around
- **Crane Ladder Replacement**
 - The crane is still under LOTO because the stop switcher is not installed
 - Talked to Achim and we can request for temporary access of the crane when we need
- **Safety Management Updates**
 - Mike Gaffney is planning to retire next year. The visit was to bring his successor Peter to get familiar with the labs.
- **LN2 plumbing for 6000-gallon tank**
 - Volodya is planning to start the project asap at the beginning of FY24
 - The vendor is actively looking to proceed with the project
 - Received an updated quote from the vendor Techifab because the original one expired, the same price
 - Need to remove the winding machines, again...



Item	Qty	Description	Unit Price	Ext. Price
1	1	Techniguard Vacuum Jacketed Piping System	\$31,039.00	\$31,039.00
2	1	Installation	\$29,140.00	\$29,140.00
All prices shown in US Dollars.			Total Price	\$60,179.00
Lead Time	Estimated Lead Time is 10 to 12 weeks from drawing approval.			

260-L System 2nd purity run

▶ LN2 supply

- The LN2 level in the 6000-gallon tank is low
- Quoted with the vendor for a batch delivery of 3000 gallon
- The Airgas delivery trucks refilling the portable dewar were down for both regular and backup one, now running in the dewar swapping mode
- I'm buying 2x 50 Psi portable dewars to keep with us all the time

▶ EDIT school

- Admission has been sent to the accepted students, the deadline for registration is 08/31
- About 50 students are expected, to attend rotating lab for a week, 7 students per day
- Inquired about the safety requirements for the trainees because is to get work on the actual cryogenic operations



260-L System 2nd purity run

▶ **Inline filter performance validation test**

- Leak checked the gas sampling line and fixed the leaks
- Leak detector works pretty stably now, no more occurrence of the pumping failure after re-calibration
- The baseline with inline filter purification engaged is down to ppb level
- The inline filter performance has been verified

▶ **Top Flange Assembly**

- Assembly on the top flange in progress in parallel
- Mocking installation on the thread rod for mounting apparatus
- Will move the top flange next week

