



Fermilab

**Particle Physics Division
Mechanical Department Engineering Note**

Number: MD-ENG-276

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Project Internal Reference:

Project: IRLabs CCD Testing Dewar

Title: IRLabs CCD Testing Dewar– Vacuum Window

Author(s): Herman Cease

Reviewer(s): *S. J. Woods*

Key Words: Vacuum Window

Abstract Summary: The IRLabs CCD Testing Dewar is a vacuum vessel with a 100mm optical window. Optical vacuum windows do not apply to FESHM-5033.1, however the window analysis is still provided using the Brookhaven ES&H manual (Standards-Based Management System) engineering guidelines.

Applicable Codes:

Brookhaven: GUIDE FOR GLASS AND PLASTIC WINDOW DESIGN FOR
PRESSURE VESSELS