*LIGO Laboratory / LIGO Scientific Collaboration*

LIGO-E1300409-v3 *LIGO* 08/02/13

Install Manifold/Cryo Baf LHO ETM X Test

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**Abstract**

This document presents the data for the LHO ETM X Manifold/Cryo Baffle Installation Acceptance Test.

# Introduction

This document presents the data for the LHO ETM X Manifold/Cryo Baffle Installation Acceptance Test.

# Acceptance Tests

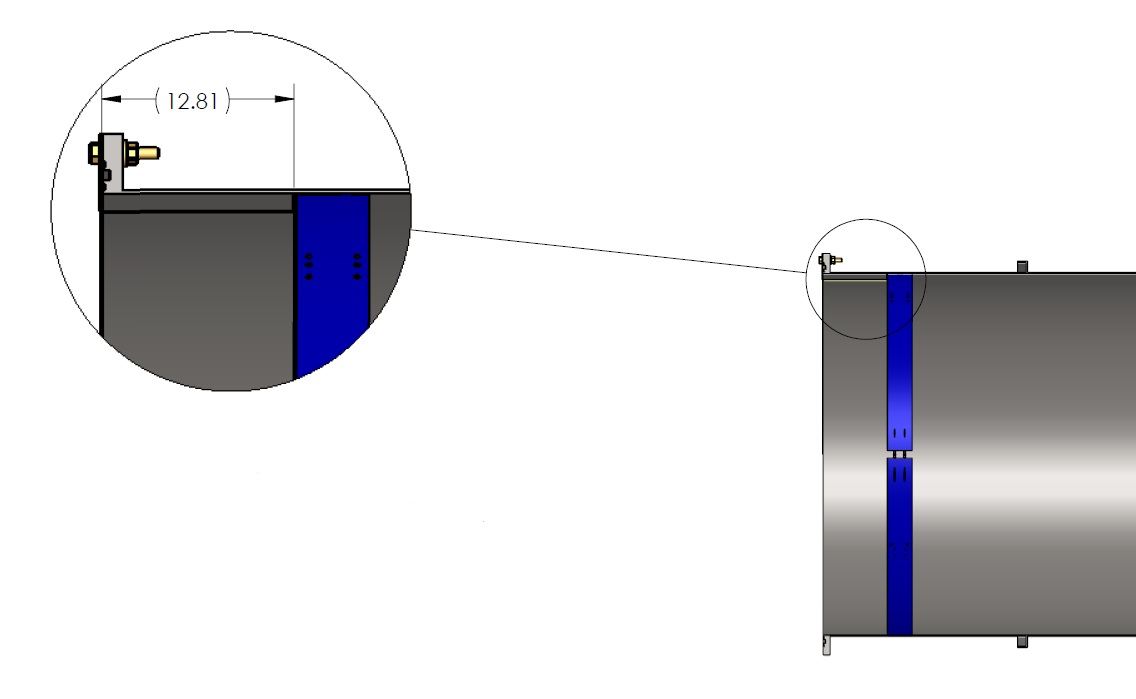


Figure : Manifold Cryopump Baffle placed ~ 12.81” away from Adapter end



Figure : Manifold Cryopump Baffle placed ~ 3.37” away from Adapter end



Pendulum Rod

Blade Spring

Figure : Close up of Blade Spring and 2-Wire Pendulum Suspension Mechanism



Outer Support Ring

Magnets

Cu Plate

Balance Weights

Fixed Weights

Figure : Magnet Gap and Balance Weights

## X-Arm Manifold-Cryopump Baffle Alignment Test & Exit Check List

