



# REQUEST FOR WAIVER OR DEVIATION

SCAN AND EMAIL COMPLETED FORM TO QUALITY@LIGO.CALTECH.EDU  
NOTE: DO NOT SUBMIT DISCREPANT MATERIAL UNTIL AUTHORIZED BY LIGO

<b>PART NO.</b> E0900048	<b>REV.</b> V9	<b>PART NAME</b> Welding Specification for Weldments used within the Advanced LIGO Vacuum System	<b>P.O. NO.</b> N/A	<b>P.O. QTY:</b> N/A <b>DISCREPANT QTY:</b> 3
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<b>SUPPLIER:</b> NA, Welding specification	<b>TEL #:</b> (626) 395-3303	<b>DATE:</b> 05/26/2022
<b>CONTACT:</b> Eddie Sanchez	<b>EMAIL:</b> esanchez@caltech.edu	

**DESCRIPTION OF REQUEST** (PLEASE GIVE COMPLETE TECHNICAL DESCRIPTION OF DEVIATION, REFERENCING DRAWING ZONE AS APPROPRIATE)  
 E0900048-v9 includes stringent requirements that are not pertinent to the fabrication of the custom ported spool LIGO# D2300065-v2.  
 List of Inapplicable items is as follows:  
 Section 2.1 thru 2.3, Section 5.8, Section 6.3, Section 7.3, Section 8, Section 10, Section 11, Section 12, and Section 13.1.  
 List above was compiled by J. Feitch, and reviewed by M.Zucker via email.

<b>ROOT CAUSE</b> E0900048 does not cover components used in the vacuum envelope. Generally, it pertains only to components intended for use inside the vacuum system,	<b>CORRECTIVE ACTION</b>
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<b>SIGNATURE</b> Eddie Sanchez (05/26/2023)	<b>TITLE</b> Mechanical Designer	<b>IMPLEMENTATION DATE:</b> AS-SOON-AS POSSIBLE
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<b>ACTION TAKEN / DISPOSITION INSTRUCTION (FOR LIGO USE ONLY)</b>	<b>DATE RECEIVED</b>	
	<b>PROGRAM</b> A+	
	<b>QUALITY ASSURANCE</b> N/A	<b>DATE</b> (SEE DCC)
	<b>DESIGN ENGINEER</b> N/A	<b>DATE</b> (SEE DCC)
	<b>OTHER</b> N/A	<b>DATE</b> (SEE DCC)

