



# 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> ?	<b>REV.</b> v	<b>PART NAME</b> SR3 Suspension	<b>P.O. NO.</b> NA	<b>P.O. QTY:</b> NA <b>DISCREPANT QTY:</b> 1 (the H1 instance)
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<b>SUPPLIER:</b> NA, internal assembly process <b>CONTACT:</b> Betsy Weaver	<b>TEL #:</b> 509.372.8191 <b>EMAIL:</b> ctorrie@ligo.caltech.edu	<b>DATE:</b> 3/11/2014
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**DESCRIPTION OF REQUEST** (PLEASE GIVE COMPLETE TECHNICAL DESCRIPTION OF DEVIATION, REFERENCING DRAWING ZONE AS APPROPRIATE)  
 SR3 has not been installed into the chamber yet. During the pre-balancing of the glass optic in the staging cleanroom near the chamber, a magnet on the optic got knocked off. I am asking for a waiver to NOT air bake the optic (34 deg C bake) after regluing this one magnet back on while the optic is still in the suspension. These are the small 2mm diameter magnet/dumbbells so a very small amount of glue is used. Waiver?

<b>ROOT CAUSE</b> Schedule pressure; delays close-up of the WHAM5 vacuum chamber.	<b>CORRECTIVE ACTION</b> No elevated temperature bake. Note that the UHV qualification of the adhesive used (EP30) was done for room temperature (non-elevated) cure.
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<b>SIGNATURE</b> Betsy Weaver (3/11/2014 email)	<b>TITLE</b> Suspensions Lead Engineer	<b>IMPLEMENTATION DATE:</b> ASAP
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<b>ACTION TAKEN / DISPOSITION INSTRUCTION (FOR LIGO USE ONLY)</b> Approved by Dennis Coyne (Systems Engineer) on 3/11/2014	<b>DATE RECEIVED</b> 3/11/2014	
	<b>PROGRAM</b> aLIGO Project	
	<b>QUALITY ASSURANCE</b> NA	<b>DATE</b>
	<b>DESIGN ENGINEER</b> NA	<b>DATE</b>
	<b>OTHER</b>	<b>DATE</b>