



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

PART NO.	REV.	PART NAME	P.O. NO.	P.O. QTY: NA
D1002560	v2	Damping Tube Top Plate	NA	DISCREPANT QTY: 1, 2, 2 respectively
D1001120	v2	Earthquake stop ring	NA	
D1201199	v2	Anti-Rotation Clamp	NA	

SUPPLIER: NA, internal cleaning & baking	TEL #: x4629	DATE: 1/16/2015
CONTACT: Calum Torrie	EMAIL: ctorrie@ligo.caltech.edu	

DESCRIPTION OF REQUEST (PLEASE GIVE COMPLETE TECHNICAL DESCRIPTION OF DEVIATION, REFERENCING DRAWING ZONE AS APPROPRIATE)
The following parts are used in the SLC Elliptical Baffle assembly, LIGO-D1101885-v4. The reason we are asking for a waiver is that these parts are needed to complete the SLC baffle assemblies, which get stored in the same HAM-ISI 3rd IFO containers as the SUS suspensions. The reason this matters is that both the HAM-ISI 3rd IFO container and the SUS suspensions, which as mentioned share a container with these parts, are all staged and ready for install. The install team requested this waiver so we don't end up in a situation where these SUS suspensions are left out and exposed while we wait for these parts. For history, the original parts were misplaced and were then subsequently late from the machine shop.

PARTS IN QUESTION
D1002560 Damping Tube Top Plate. Missing 1. LIGO-D1002560-v2
D1001120 Earthquake stop ring. Missing 2. LIGO-D1001120-v2
D1201199 Anti-Rotation Clamp. Missing 2. LIGO-D1201199-v2

MATERIAL
All Metal and all aluminum. 2 parts have clearance holes and only 1 part has tapped holes. No parts have blind holes.

BAKE TEMP
120 Deg C (All parts Alum)

CLEAN
Holes flushed prior to cleaning in ultrasonic.

BAKE TIME
These were added to the air bake oven at 4pm PT on Thursday 15th. So they were at 17 hours bake time when the verbal waiver was granted.

ROOT CAUSE Schedule pressure; see above	CORRECTIVE ACTION Air bake per Class B protocol, rather than vacuum bake for Class A protocol (per E960022)
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SIGNATURE Calum Torrie (1/16/2015 email)	TITLE Deputy Systems Engineer	IMPLEMENTATION DATE: ASAP
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PART NO. D1002560 D1001120 D1201199	REV. v2 v2 v2	PART NAME Damping Tube Top Plate Earthquake stop ring Anti-Rotation Clamp	P.O. NO. NA NA NA	P.O. QTY: NA DISCREPANT QTY: 1, 2, 2 respectively
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SUPPLIER: NA, internal cleaning & baking CONTACT: Calum Torrie	TEL #: x4629 EMAIL: ctorrie@ligo.caltech.edu	DATE: 1/16/2015
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ACTION TAKEN / DISPOSITION INSTRUCTION (FOR LIGO USE ONLY) Approved by John Worden (Vacuum Review Board chairman) and Dennis Coyne (Systems Engineer) on 1/16/2015	DATE RECEIVED 1/16/2015	
	PROGRAM aLIGO Project	
	QUALITY ASSURANCE NA	DATE
	DESIGN ENGINEER Calum Torrie	DATE 1/16/2015
	OTHER	DATE 1/16/2015

LIGO-Q110001-v1