Assembly(ies):

Bake Load:
JIRA URL:
Notes:

700/n2

Post Bake Pre-Bake

Class A Class B

URGENT?

LASER INTERFEROMETER GRAVITATIONAL WAVE OBSERVATORY

	ADVANCED LIGO FTIR SAMPLE RECORD
Document:	Document: LIGO-E 1800 108 -v1 Date: 4-10-2018
Submitter:	Email address: Cyan
Title:	ok taken from Lita's IPII
System(s):	Vacuon
Assembly(ies):	

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				-						#	-	
										Part No.		
				:						SN		
						"Clean" Part	CAMP CONDICT	VAIVE	GATTI (PUMP SIA)	Description	PARTS	
10	9	~	7	6	Ċν	4	သ	2		#		
Holes	Surface	Holes	Surface	Holes	Surface	Holes	Surface	Holes	Surface	Туре		
							Serval Number 0005		Se	Description (for holes indicate "through" or "blind")	SAMPLES	
# of Holes:	Area (cm ²):	# of Holes:	Area (cm ²):	# of Holes:	Area (cm ²):	# of Holes:	MRSR 0005 Area (cm²): 130	# of Holes:	Area (cm ²): 130	Amount		

ADVANCED LIGO FTIR SAMPLE RECORD

_						
6			=	11 Surface		Area (cm ²):
			12	Holes	-	# of Holes:
7			13	Surface		Area (cm ²):
	-		14	Holes		# of Holes:
∞			15	Surface		Area (cm ²):
			16	Holes		# of Holes:
9			17	17 Surface		Area (cm²):
			18	18 Holes		# of Holes:
10			19	19 Surface		Area (cm ²):
			20	Holes		# of Holes:
I marken atia						

Instructions:

- All parts must be sampled. The sampling must be at least 5% of the total area and at least 5% of the total number of holes. Surface samples and hole samples are to be separate. Sampling fewer than all parts in a bake load, or sampling less than 5% of the area or holes requires a waiver from the Vacuum Review B oard, or a LIGO Vacuum Review Team member (see the Advanced LIGO VRB wiki for member list). (Sampling requirements are defined in section 5.1 of E0900480-v2.)
- $\omega_{\mathcal{D}}$ Read the instructions on how to take FTIR samples, given in document LIGO-E0900479-v1. Make sure that the sample bottles are tightly sealed!
- Reserve a Document Number (E-type) from the LIGO Document Control Center (DCC): https://dcc.ligo.org/cgi-bin/private/DocDB/ReserveHome
- Complete the form above.
- 400 File this completed form in the DCC under the reserved number as revision 1, i.e. -v1.
- Ship a printed copy of this completed form and the FTIR Samples (properly packaged) to: Attn: Jerami Mennella
- Jet Propulsion Laboratory
- Bldg 83 room 101
- 4800 Oak Grove drive
- Pasadena, California 91109-8099
- <u>∞</u> J Send an email notification to Jerami. Mennella@jpl.nasa.gov indicating that an FTIR sample package is in route to him and indicate whet her testing results are needed urgently or not.
- 9 Bob Taylor, Dennis Coyne (CIT), John Worden (LHO) and Brian O'Reilly (LLO). (These last three individuals are Vacuum Review Team members, JPL should put the LIGO document number of this sample form into the header of their FTIR analysis report and email this report to the submitter (email given in form),
- record form. This DCC record should also be associated with the event "FTIR Testing". If approved, the VRT member also indicates electronic approval on the -v2 DCC Team member makes any desired notations on the report and then files the report (*.pdf) into the DCC as version -v2 of the document number of this completed sample The completed FTIR an alysis report from IPL is to be reviewed and approved by the Vacuum Review Team member at the submitter's location. The Vacuum Review record. The VRT member also informs the submitter via email whether the FTIR sampled load is approved or rejected.