

Subject: Re: Fwd: Request for vacuum waiver: 2" REO mirrors ref. LIGO-E070288-00-V
From: John Worden <worden_j@ligo-wa.caltech.edu>
Date: Fri, 09 Nov 2007 14:10:09 -0800
To: Michael Zucker <zucker_m@ligo.mit.edu>
CC: John Worden <worden@ligo.caltech.edu>, Rai Weiss <weiss@ligo.mit.edu>, Bill Tyler <tyler_w@ligo.caltech.edu>, Riccardo DeSalvo <desalvo_r@ligo.caltech.edu>, David Shoemaker <dhs@ligo.mit.edu>, Dennis Coyne <coyne@ligo.caltech.edu>

Refer to L070097-00-V

I assume there are no objections to a waiver. I approve of the proposed processing for these parts.

John

Michael Zucker wrote:

Refer to: LIGO-E070288-00-V

VRB-

Action on this is required immediately.

David Tanner requests a change in process for REO supermirrors to be used in HAML,2,3 both sites.

The apparent destruction of coatings on the thin film polarizers last week calls the Liquinox into question. Please refer questions directly to David and copy the group to save time.

Mike

Begin forwarded message:

From: David Tanner <tanner@phys.ufl.edu>
Date: November 8, 2007 14:46:47 EST
To: mike@tristan.mit.edu (Mike Zucker)
Cc: David Reitze <reitze@phys.ufl.edu>, Guido <mueller@phys.ufl.edu>, Volker <quetschke@phys.ufl.edu>, Rodica Martin <rmartin@phys.ufl.edu>, Muzammil A Arain <muzamil@phys.ufl.edu>
Subject: Request for vacuum waiver: 2" REO mirrors

Make the bake 48 hours (2 days). Sorry for the typo.

David

Hi Mike,

This is a request for a waiver on the cleaning procedure for the 2 inch REO mirrors for e-LIGO. We request a variance, in that we use the procedure for E-Beam Coated Optics (HR and AR) in E000007 except that no liquinox be used. We would like to use First Contact instead of steps 4-10. This should be followed by 120 degree C bake for 8 hours.

Thanks,
David

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