Subject: Re: Waiver needed for SmCo magnet/Al jacket assembly
From: Riccardo DeSalvo <desalvo@ligo.caltech.edu>
Date: 8/25/2009 11:23 AM
To: John Worden <worden_j@ligo-wa.caltech.edu>
CC: Michael Zucker <zucker_m@ligo.mit.edu>, Dennis Coyne <coyne@ligo.caltech.edu>, Rainer Weiss <weiss@ligo.mit.edu>, Fred Raab <raab_f@ligo-wa.caltech.edu>, Jodi Fauver <fauver_j@ligo-wa.caltech.edu>, Michael Landry <landry_m@ligo-wa.caltech.edu>, Doug Cook <cook_d@ligo-wa.caltech.edu>, Frolov Valera <frolov_v@ligo-la.caltech.edu>, tgentry@ligo-la.caltech.edu, Bob Taylor <taylor_r@ligo.caltech.edu>, Rusyl Wooley <rwooley@ligo-la.caltech.edu>, Calum Torrie <torrie_c@ligo.caltech.edu>

during maybe, after is unlikely,
R

On Aug 25, 2009, at 10:45 AM, John Worden wrote:

> I concur with this waiver.
> A question for the group - is SmCo brittle? and is there a risk of it
> fracturing during or after the light press fit?
>
> John
>
> Michael Zucker wrote:
> > Jodi: Thanks, I'm copying the rest of the VRB here (and maybe some
> > others, sorry for spam)
> >
> > VRB members: Time is of the essence
> >
> > All: I think this is fine to save a bake cycle (and avoid having to
> > Class B an arbor press!)
> > since the processes are essentially compatible. However I would request
> > that all chemical/detergent cleaning and drying appropriate to the
> > respective Al and SmCo pieces be completed BEFORE
> > press fitting the components together, to insure no volatile
> > contaminants are trapped in the joint.
> >
> > With this proviso I would tend to recommend the waiver. Do others concur?
> >
> > Mike
> >
> > On Aug 20, 2009, at 4:08 PM, Jodi Fauver wrote:
> >
> > > Gentlemen-
> > > Attached please find two drawings: D0901778 and D0901816. Michael
> > > Landry and Doug Cook would like a waiver to vacuum bake the SmCo
> > > magnet in its Al assembly. The assembly is needed for installation in

> LHO HAM 6 during a vent scheduled for 31 August. Thanks for your
> attention to this matter.
> Jodi
>
> --
> Jodi Fauver
> LHO AdLIGO Logistics/FMP
> Desk Phone: 509.372.8169
> Cell Phone: 509.727.4640
> Shipping Address: 127124 North Route 10
> Richland WA 99354
> Mailing Address: PO Box 159
> Richland WA 99352
>
> <TipTilt Magnet Holder - Sheet1.pdf><SmCo assembly - Sheet1.pdf>

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