

Subject: Re: Vacuum cleaning waivers

From: Dennis Coyne <coyne@ligo.caltech.edu>

Date: 11/24/2008 8:33 AM

To: Sam Waldman <waldman@MIT.EDU>

OK

Sam Waldman wrote:

I meant to say "non-class B" tools. And your second point is true as well: their history is somewhat suspect as they have been out of vacuum for a long time. So a procedure that is solvent only, air bake and then vacuum bake is acceptable? If so, I'll draw up a traveller and get it to Tom to start soonest.

sam

On Nov 24, 2008, at 2:21 AM , Dennis Coyne wrote:

I'm confused. You say that these DLC mounts were cleaned to Class A (at some point in time) and then imply that they were compromised by assembling with Class B tools. We always assemble Class A parts with Class B tools. So, as you have described these DLC mounts, they have not been compromised.

Perhaps their assembly was not done in a clean manner or in clean conditions, or perhaps its been a long time that they have been exposed in a "clean" environment, so that their cleanliness is suspect? If so, then your proposal for cleaning as an assembly (without disassembly) seems acceptable with one caveat: We do not want Liquinox to wick into crevices from which it cannot be rinsed out. I suggest sticking to solvents.

Dennis

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