

Ted Beale

From: Leonardo Ristori [leoristo@fnal.gov]
Sent: Monday, July 19, 2010 2:23 PM
To: John Zweibohmer; Ted R. Beale
Subject: Fwd: leak check?

John, Ted,
the two NR 9-cells were leak checked at Niowave (see Ahren's message below) and we waived the leak check here based on Camille's request.

Leonardo

Begin forwarded message:

From: Camille Ginsburg <ginsburg@fnal.gov>
Date: May 18, 2010 4:23:07 PM CDT
To: Leonardo Ristori <leoristo@fnal.gov>
Subject: Re: Fwd: leak check?

Dear Leonardo,

We normally waive the leak check if it was done at the company. It has limited value done at room temperature with an o-ring, but I feel it's an important check to do once. (Don't want to find a gross problem after processing!) So, no I would not do another leak check here unless there was a compelling reason.

Would you please arrange with Niowave to do the light BCP for TB9NR001? I just spoke with Mark C. who asked me to ask you to proceed. He suggested to specify 10-20 micron.

Best wishes,
Camille

Leonardo Ristori wrote:

Camille,

do we want to leak check the two NR nine cells as part of our incoming inspection although they were already leak checked at Niowave?

I apologize for asking, I don't know what your routine is (yet), I heard that it's good practice to minimize the use of the sealing surfaces, not sure if it's a myth.

Leonardo.

Begin forwarded message:

From: Ahren Kolka <kolka@niowaveinc.com>
Date: May 18, 2010 4:12:50 PM CDT

To: Leonardo Ristori <leoristo@fnal.gov>
Cc: Dwight Osha <dosha@roarkfab.com>
Subject: Re: documentation?

Hi Leonardo,

The two completed cavities were helium leak checked at Niowave and no detectable signal was found. Our leak checker is capable of achieving the FNAL minimum required helium sensitivity of at least 2×10^{-10} ATM-CC/SEC.

Best regards,

Ahren