

## David R. Pushka

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**From:** Mark K Ruschman  
**Sent:** Wednesday, June 11, 2014 2:25 PM  
**To:** David R. Pushka  
**Cc:** Russell Neilson; Eric Vazquez Jauregui  
**Subject:** Fwd: LAB vessel

Hi Dave,

Can you please perform the calculations necessary to show that vessel PPD-10105 is suitable for use evacuated, with 20psi external pressure.

This is for COUPP and the codes are 40H/40H.01.

Thanks,

Mark

Begin forwarded message:

**From:** Eric Vazquez Jauregui <[ericvj@snolab.ca](mailto:ericvj@snolab.ca)>  
**Subject:** Re: LAB vessel  
**Date:** June 11, 2014 10:43:53 AM CDT  
**To:** Russell Neilson <[rnelson@uchicago.edu](mailto:rnelson@uchicago.edu)>  
**Cc:** Mark K Ruschman <[ruschman@fnal.gov](mailto:ruschman@fnal.gov)>

Is there a way that an engineer can sign it out?

If it doesn't have an sticker but there is a document stating that it is good for use under vacuum UG (i.e., with the extra atmospheric pressure), then there will not be any problem.

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On Jun 9, 2014, at 2:40 PM, Russell Neilson <[rnelson@uchicago.edu](mailto:rnelson@uchicago.edu)> wrote:

Hi Eric,

The LAB pressure vessel that we're preparing at Fermilab doesn't say on the sticker that it's good for vacuum. Will SNOLAB let us evacuate it? If not, is there something we should do to have it approved?

Russell