

Isaac Earle

From: Isaac Earle
Sent: January 31, 2019 1:07 PM
To: Franco Mammarella
Cc: Randy Boehm; Claudio Valencia; Tomislav Hruskovec
Subject: RE: NHC grounding

Hi Franco,

Thank you for your assessment. Just to clarify, routine operation in the North Hot Cell does not involve any high voltage beyond megger testing up to 1kV. We also consulted Tomislav earlier in the year to review the design from a high voltage perspective (RS101 of Documet-131915). He also gave his approval which I have documented.

The periodic inspections you advised will be added to our inspection/calibration index.

Isaac

From: Franco Mammarella
Sent: January 31, 2019 12:14 PM
To: Isaac Earle <iearle@triumf.ca>
Cc: Randy Boehm <rboehm@triumf.ca>; Claudio Valencia <cvalencia@triumf.ca>; Tomislav Hruskovec <thruskovec@triumf.ca>
Subject: RE: NHC grounding

Hi Earl:

Randy submitted an email to me today.

Randy advised you that periodic inspections of the soldering connection is mandatory and he referenced the failure in the eLINAC gun HV system.

Based on Randy's email I consider the grounding job complete and approve it for energization of the HV on your undertaking that you have tested to full voltage the HV operations and that you will implement a periodic inspection of the grounding system and particularly the soldered/welded joints.

Thanks

Franco

Copy to: Randy and Tomislav for their records and/or action.

From: Isaac Earle
Sent: January-31-19 9:27 AM
To: Franco Mammarella <antho@triumf.ca>
Subject: NHC grounding

Good morning Franco,

Did you have a chance to confirm with Randy about grounding for the North Hot Cell? If you're able to send a quick confirmation reply to my January 22nd email that would be fantastic.

Thanks, and have a nice day.

Isaac