

**From:** Frank Festa <Frank.Festa@IMSSystemsInc.com>  
**To:** William Ward <WRW1@nrc.gov>  
**Date:** 7/26/01 4:21PM  
**Subject:** Additional Information Requested

Hello Bill,

I am providing the additional information requested. I must apologize for my oversight on the organizational chart. It most certainly should have been attached. It is now incorporated in the QA program.

Item 2.3: Drawing 5321-035 A1 has the correct G18 Sintered Tungsten material listed. All other drawings that list S18 as the material will be revised, only to reflect the use of the G18 material. The drawings, after revisions will be available to the NRC for your review, if requested. (Dwg. 5321-035 A1 attached).

Item 2.5 and 4.1: The source holder TIAS 212 is the most current for this tube application. It is the source holder installed in the Timken Gauge (PA 100780). The wall thickness, and technical construction etc. is identical to the TIAS 211. As a result, the ANSI test for the TIAS 211 is valid for the TIAS 212.

Independent of the gauge air gap/measuring gap (depending on the tube size to be measured), the most technologically advanced source holder will be installed. (TIAS 212)

Item 4.2: As discussed on the phone 7-26-2001, the radiation survey for 5, 30, and 100 cm will be provided as an amendment to the device registration upon completion of commissioning of the gauge.

Item 5.1: Page 2, I am providing the revised QA program that includes the organizational chart.

Also Page 6 of the revised QA document now gives clarification of what 2b provides. (See Instructions, Procedures and Drawings, paragraph 3).

Item 6.1: Agreed, this should be standard procedure if the temperature exceeds 80°C.

Item 7.2: The air pressure we require is between 4.5 and 8 bar, although all of the components including the shutter actuator are designed and approved to operate with 10 bar. (see attached file). I can explain why page 7 of the application indicates that the shutter actuator is limited to 8 bar. We require that the customer supply a minimum of 4.5 bar and

a maximum of 8 bar. This gives us the ability with the pressure regulators and filters to regulate for the optimum performance of all the peripheral devices associated with the measuring system.

A hard copy of this e-mail will be signed and delivered by mail.

Frank A. Festa

Project Coordinator and Alternate RSO  
IMS SYSTEMS INC.

**CC:** Susan Engelhardt <engel@itis.com>, Petra Klein <petra.klein@ims-gmbh.de>

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