

From: Eric Jameson
To: internet:jim.hoey@valmet.com
Date: 5/28/96 5:13pm
Subject: Tapio BW-5h23 device registry

Jim --

This correspondence confirms receipt of the items mentioned in phone conversation this afternoon (5/28/96, ~15:30 hrs.) My interpretation of the received information is as follows:

Question 1: What is the ANSI classification of the BW-5h23?

Answer 1: As per "Application to AECB for . . .," dated 10/27/95, the classification is ANSI - 12 - 599 - 999 - R1. Since the application for registration in GA is for same operating conditions, and the radiation profiles submitted with the registry are nearly identical to those submitted to AECB, the above classification is appropriate.

Question 2: What is the definition of the terms, "strip positions," as listed on the radiation profiles?

Answer 2: As per phone conversation, you mentioned that the strips are guide strips and/or rollers that hold the paper in the appropriate position for all the sensors, most of which do not contain radioactive material. They were removed during the radiation profiles to allow measurements to be made at the iso-distance positions. During normal operating conditions, these strips would be in a fixed position, helping block access to the radiation field.

Question 3: Since the BW-5h23 has independent shutter and aperture disks, what is the size of the shutter opening?

Answer 3: As per drawing # 5TBW3-17-4M, the diameter of the shutter opening could either be 10 mm or 2.5 mm.

When asked regarding the lack of data in one of the radiation profiles -- Window = 7 mg/cm², Shutter = Open, Strips in Upmost Position -- you responded that it appears that the operator overlooked filling in the "< 1 uSv/hr" in the boxes, seeing that the other profiles were filled in appropriately. Please obtain confirmation of this from the technician.

Please provide a clarification for Answer 3, as I was under the impression that there was only one shutter opening for the BW-5h23. In the morning, I will continue to search for more information regarding the shutter.

If you have any questions, please call the Department or send e-mail.
Regards,

Eric Jameson