

January 10, 2017

Subject: 680 and 741 Series Cobalt 60 Projector Type B Certificate Termination

Dear 680/741 Owners:

This letter is to inform you of the eventual expiration of the 680 and 741 Cobalt 60 Projector Type B(U) Certificates (USA/9035//B(U)-96) & (USA/9027/B(U)-96) which are held by Sentinel (QSA Global, Inc.) as the design authority. The final expiration date will be **October 31, 2020**. This includes all 680 series of Cobalt 60 projectors consisting of models; 680, 680E, 680A, 680AE, 680B and 680BE, as well as the 741 series consisting of models; 741, 741E, 741A, 741AE, 741B and 741BE. After careful consideration of the future support of this aging line of Cobalt 60 projectors, we have decided not to renew the certificates.

Some of the factors affecting this decision include:

- "S" Tube wear through after many years of use as these projectors continue to age.
- Procurement and manufacturing of replacement parts is becoming challenging, particularly the Type B Over packs.
- Costly resources are required to maintain and update QA/QC documentation and drawings for Type B recertification.
- Continued scrutiny by NRC of documents on old Type B package designs
- Inability to meet the ISO 3999-1 2000E standard

Please be aware that once the Type B certificate expires, the 680/741 series cannot be legally shipped or transported with a Type B quantity of Cobalt 60 (10.8 curies or more). However, QSA Global, Inc. will maintain the Type A certificate indefinitely to allow legal transport in accordance with International and National regulations. Also, original replacement parts for the 680/741 series will become unavailable as our inventories diminish and will not be replenished as 2020 approaches.

The good news is that our SENTRY Series of Cobalt projectors has its benefits:

- The projectors are Type B compliant without over pack requirements.
- They meet the standards of ANSI N432-1980 and ISO 3999-1 2000E for Industrial Radiography.
- The ergonomic design allows for better lifting and mobility.
- The rear and front plate weldments are designed for easy access
- The housing is made of stainless steel
- Cobalt 60 sources, Sentinel control assemblies and most guide tubes are interchangeable with the Sentry series.

SENTINELTM will be offering a "Projector Replacement Program" starting in January 2017 that will be beneficial in helping users of the 680/741 series projectors upgrade to newer, safer operating projectors. This program will provide owners with the option to disposition the old equipment and replace it with our new SENTRY Series of projectors at a special discount. Your regional sales representative, Customer Service and our Authorized Distributors will have details for this special offer.





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We are providing this information in advance so you will have sufficient time to make informed decisions on replacing your equipment. We value all of our customers and greatly appreciate the opportunity to service your needs. Please contact Sentinel Customer Service, or the Sales Manager or Distributor for your area. Note that additional information will soon be available via our website www.SENTINELNDT.com.

Thank you,

Curt Auzenne
Vice President of Global Sales

