



# Certificate

## for Radiation Device

<b>Certificate Number</b> R-061-0002-4-2039	<b>Date of Issue</b> August 25, 2023	<b>Date of Expiry</b> February 28, 2039
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The radiation device identified below is certified by the Canadian Nuclear Safety Commission pursuant to paragraph 21(1)(h) of the *Nuclear Safety and Control Act* and section 12 of the *Nuclear Substances and Radiation Devices Regulations*.

**Manufacturer:** QSA Global, Inc.

**Make and Model:** QSA Global Model 989

**Prev. Mfr. Name:** AEA Technology

**Device Type:** EXPOSURE DEVICE

**Description:** The radiation device QSA Global Model 989 Gamma Projector consists of a stainless-steel housing which contains a tungsten shield. The radioactive source assembly attaches to the pneumatic actuator or remote control safety plug assembly at the rear of the radiation device. There is no shutter and the source never leaves the radiation device. In the exposed position, the emergent beam from the collimator is restricted to 30 degrees x 60 degrees, 40 degrees x 40 degrees or 60 degrees conical.

The model 989 exposure device is authorized to contain one QSA Global model X540/1 capsule used in QSA Global model 97941, model 98940 or model 98941 source assembly emergent beams.

The overall dimensions of the radiation device are 202 mm x 89 mm and its weight, without the transport case, is 7.3 kg.

Refer to the Summary Evaluation for additional information (CNSC Document Number 7093328). Reference CNSC Application Number 63281.

The radiation device may contain any of the following nuclear substances in a quantity not exceeding the corresponding quantity indicated:

Nuclear Substance	Maximum Quantity
Selenium 75	740 GBq

Designated Officer pursuant to paragraph 37(2)(a) of the *Nuclear Safety and Control Act*

