

Eric Jameson

From: jack.ramsey@metso.com>
Sent: Thursday, January 03, 2013 1:48 PM
To: Eric Jameson
Subject: GA 458-3G: SS&D License Amendment
Attachments: Part.002; Part.003; Part.004; Part.005; Ammendment for QA Source.pdf

Eric,

I am submitting an SS&D License Amendment to add a new Kr-85 source to our Basis Wt. Sensors. QSA Global, Inc. has a new Kr-85 source available, and we would like to add it to the list of sources we are allowed to use in our sensors. We have been offered a competitive price and turn-around on these sources right now, so we need to get this processed as quickly as possible.

I have sent the original documents in the mail, so you should receive them in a couple of days.

Thanks,
Jack

Best regards

Jack Ramsey

Sr. Radiation Officer



Metso Automation Inc.

2900 Courtyards Drive

Norcross, GA 30071

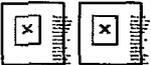
Phone: 770/335-6606

jack.ramsey@metso.com

www.metso.com



Connect with Metso





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JAN -7 2013

Eric Jameson
Licensing Specialist
Radioactive Materials Program
Atlanta Tradeport, Suite 100
4220 International Pkwy
Atlanta, GA 30354

BY: _____

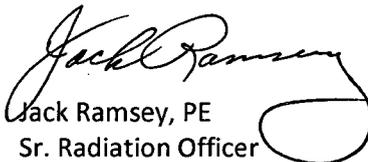
RE: License GA 458-3G: Amendment

Dear Mr. Jameson,

On behalf of Metso Automation, I would like to submit the following changes to two of our SS&D Certificates. These amendments will allow us to use a new source in several of our sensors. I would like to ask that this amendment be reviewed and approved as quickly as possible because this will have a significant impact on our current business.

I would also like to request that the Department send me an invoice for any costs associated with this amendment when the amendment is issued. If there are any questions or concerns about this amendment, please let me know.

Sincerely,

A handwritten signature in black ink that reads "Jack Ramsey". The signature is written in a cursive style with a large, looped "R".
Jack Ramsey, PE
Sr. Radiation Officer



Introduction

Metso Automation would like to add a new Kr-85 source to the list of sources we are authorized to use in several of our nuclear devices. The company we will purchase this source from is:

QSA Global, Inc.
30 North Avenue
Burlington, MA, 01803
781-272-2000

This is the same company that used to provide many of our Kr-85 sources from their facility in Germany. After this facility was purchased by Eckert & Ziegler, their contract to receive sources from this facility expired and they were no longer able to provide the industry with these Kr-85 sources. Recently, however, they have reentered the market, producing a new source under their own name, under their own part number, and to essentially the same performance specifications. QSA Global has received an SS&D Certificate from the State of Massachusetts for this new source, and so Metso is requesting that this source be approved for use in our nuclear devices.

Description of Isotope

The isotope to be provided by QSA Global, Inc. is as follows:

Isotope: Kr-85
SS&D Registration MA-1059-S-372-S
Product Code: KR-Q1-0400
US Model#: KR85.1
ISO/ANSI: C33131
Description: High Energy Kr-85 Beta Source
Nominal Activity: 400 mCi (14.8 GBq)
Activity Tolerance: -10%, +10%
Capsule: X9093

Devices that will use this new source

The new QSA source will be used in the following devices:

<u>SS&D Registry#</u>	<u>Device</u>	<u>Max Activity Per Device</u>
GA-596-D-110-G	BG V	800 mCi, no single source to exceed 400 mCi
	BG V (Air)	800 mCi, no single source to exceed 400 mCi
GA-596-D-113-G	BWM	400 mCi
	BWM2	400 mCi
	BWM-T	800 mCi, no single source to exceed 400 mCi
	BWM2-T	800 mCi, no single source to exceed 400 mCi

All activities related to this source will be conducted in such a manner as to comply with the provisions of the Georgia Department of Natural Resources Rule 391-3-17-.03, "Standards for Protection Against Radiation, Amended", Rule 391-3-17-.06, "Transportation of Radioactive Material, Amended", and Rule 391-3-17-.07, "Notices, Instructions and Reports to Workers: Inspections, Amended".



The primary contact for this amendment is:

Jack Ramsey, PE
Sr. Radiation Officer
Metso Automation USA, Inc.
2900 Courtyards Drive
Norcross, GA 30071
770-246-7223
Jack.ramsey@metso.com