NRC FORM 7 (02-2016) 10 CFR 110



U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)

(See Instructions on Pages 4 and 5)

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 11/30/2018

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001,or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to response

			or a process of the state of th	et required to respond to, the line	Simation collection.	
PART A. FOR NRC USE ONLY	PUBLIC PUBLIC	OR N	ON-PUBLIC	DATE RECEIVED 0(CT 16 20175ZF	
LICENSE NUMBER	DOCKET NUMBER			ADAMS ACCESSION NU	MBER	
X00M1314		102710				
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)						
1. NAME AND ADDRESS OF APPLICANT/LICENSEE	1a. NAM	E OF APPLICANT'S	CONTACT	1b. APPLICANT'S	REFERENCE NUMBER	
		Brand		EPB0002		
Mirion Technologies (IST) Corporation 300 IST Center	1c. PHO	1c. PHONE NUMBER		1d. FAX NUMBER		
315 Daniel Zenker drive		(607) 562-	4414	(607) 562-4482		
	1e. E-M/	AIL ADDRESS	PRESS			
Horseheads, NY 14845		@mirion-ssd.co	m			
2. TYPE OF ACTION REQUESTED (Check One,	445116 in the state of the stat			CONS	SENT REQUEST	
EXPORT IMPO (Parts B, C, E) (Parts B,			NT/RENEWAL ense Number:		(Parts B, C) t License Number:	
		-				
3. CONTRACT NUMBER(S) 4. FIRST SHIP	MENT DATE	5. LAST SHIF	PMENT DATE	6. PROPOS	ED EXPIRATION DATE	
C83-QH92D	9/30/2017		9/30/2018		12/31/2018	
PART C. TO BE COMPLE (If more space is needed to comple	TED FOR EXF e any of the items,	ORT LICENSE use Pages 3-4 firs	ES, AMEND t, and then atta	MENTS, OR REN	EWALS necessary.)	
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT	8. NAME(S) / ADDRI FOREIGN CONSI	ESS(ES) OF INTERN	IEDIATE	9. NAME(S) / ADDRESS(E FOREIGN CONSIGNEE		
Mirion Technologies (MGPI H&B) GmbH		T GONGIONEE(O)		Jordan Research and Training Reactor		
Landsberger Str. 328a				(JRTR)		
Munchen, D-80687				ordan University of Science and		
Germany				Technology (J.U.S.T.)		
* • •				Ar Ramtha, Irbid, 22110, Jordan		
. *						
	i.e.					
					*,	
FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED 8a. INTERMEDIATE USE(S)		9	9a. ULTIMATE END USE(S)			
Support Electronics Supply, project invoice			H	Flux Monitor, Jordan Research/Training Rx		
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEA NUCLEAR FACILITIES, EQUIPMENT, OR COMPON NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR EQUIPMENT FOR EXPORT	ENTS; FOR	10a. MAX TOTAL ELEMENT W TOTAL ACTIV	GT (KG), OR	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)	
Quantity 1 Each, gamma ionization chamber	s (RGMS) for	None	1	Vone	None	
measurement of gamma radiation over multiple decades						
within the range of 1x10^-2 to 1x10^6 Gy/h;			1			
monitoring the Jordan Research and Training						
A. 45. (5.3)						
44 EODEICH ODLICATIONS (DV COUNTDY AND DV D	DOENTAGE OF ***	(IMI IM TOTAL ME:				
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY P	ERCENTAGE OF MAX	CINUM TOTAL VOLU	IME)			
None						

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U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

CERT CONSTRUCTION CONTRACTOR AND A STRUCTURE OF THE STRUC	ET NUMBER	AL, OR CONSENT RE	, , , , , , , , , , , , , , , , , , , ,			
YCOM1314 111	006276		PUBLIC OF			
(if more space is needed t	OMPLETED FOR IM o complete any of the items	PORT LICENSES, AMEI s, use Pages 3-4 first, and then	NDMENTS, OR RENE attach additional sheets, if	EWALS necessary.)		
12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT 13. NAME(S) / ADDR CONSIGNEE(S)		RESS(ES) OF INTERMEDIATE	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)			
2a. NRC EXPORT LICENSE NUMBER(S) (if applicable) 13a. LICENSE NUMBER(S)		BER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)			
	13b. INTERMEDIATE	E USE(S)	14b. ULTIMATE END USE(S)			
15. DESCRIPTION OF RADIOACTIVE MATER NUCLEAR FACILITIES	IALS, SEALED SOURCES,	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)		
				, <u>.</u>		
16. FOREIGN OBLIGATIONS (BY COUNTRY A				. 5.		
PART E. TO BE COMPLETED	D FOR ALL LICENSE	S, AMENDMENTS, REN	IEWALS OR CONSE	NT REQUEST(S)		
17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?	YES N	O 17a. COPIES OF RECIPATIONS		YES 🗸 NO		
I, the app with Title of my kno	:10, Code of Federal Re	cial, hereby certify that the egulations, and that all info	is application is prepar ormation provided is co	red in conformity orrect to the best		
18a. PRINT NAME AND TITLE OF AUTHORIZE Eric P. Brand Quality Manager, Mirion Technologi		18b. SIGNATURE – AUTHORIZE	ED OFFICIAL	18c. DATE 9/13/2017		

NRC FORM 7

(02-2016) 10 CFR 110 U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

	DOCKET NUMBER	ADAMS ACCESSION NUMBER				
XCOM1314	11006276		PUBLIC PUBLIC	OR	NON-PUBLIC	
ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)						

Mirion Technologies (IST) Corporation is applying for a NRC Export License to export the a quantity of one gamma ionization chamber (RGMS) for measurement of gamma radiation over multiple decades within the range of 1x10^-2 to 1x10^6 Gy/h; used for monitoring the Jordan Research and Training Reactor.

The one gamma ionization chamber was originally exported to the Jordan Research and Training Reactor on Export License XCOM1285/01.

Our customer stated this one gamma ionization chamber contains a defect which requires evaluation for repair at Mirion Technologies (IST) Corporation located in Horseheads, NY. After evaluation and repair, Mirion Technologies (IST) Corporation will require an export license to send this one gamma ionization chamber back to the Jordan Research and Training Reactor.

Attached for your reference:

- 1) Gamma Ionization Chamber KG 31 SAC Product Technical Description. (Number of pages = 2)
- 2) JRTR Gamma Ionization Chamber Engineering Outline Drawing E-4282 Revision (). (Number of pages = 1)
- 3) End-Use Certificate from Jordan Atomic Energy Commission. (Number of pages = 2)

Mirion Technologies (IST) Corporation requests the pricing information be redacted (box 10) if/when the license application amendment is published for review.



Mirion Technologies (IST) Corporation Sensing Systems Division 315 Daniel Zenker Drive 300 IST Center Horseheads, NY 14845

607-562-4300 607-562-4482 www.mirion.com

Date: September 13, 2017

To: Deputy Director, David Skeen

Office of International Programs United States Nuclear Regulatory Commission 11555 Rockville Pike Rockville, MD 20852

APPLICATION FOR NRC EXPORT LICENSE NRC Form N7

Dear Sir,

In accordance with the requirements to Part 110 for the export of items specifically designed and manufactured for use in a nuclear reactor, Mirion is submitting this application NRC Form N7. (Applicants reference number EPB0002).

If you have any questions or comments regarding these shipments please do not hesitate to contact me at (607)-562-4414.

Respectfully,

Eric P. Brand

Export Compliance

Sensing Systems Division