

NRC FORM 7 (8-2010) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027	EXPIRES: 08/31/2012
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Pages 4 and 5)				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 Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet 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 respond to, the information collection.	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED MAR 23 2012 <i>Rec'd JC</i>	
LICENSE NUMBER XCOM1237		DOCKET NUMBER 11005975		ADAMS ACCESSION NUMBER	
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS (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 Mytech Corporation 229 West Shore Ave., Bogota, NJ 07603		1a. NAME OF APPLICANT'S CONTACT Ypoung M. Lee		1b. APPLICANT'S REFERENCE NUMBER M028580	
		1c. PHONE NUMBER (201) 342-1234		1d. FAX NUMBER (201) 548-5224	
		1e. E-MAIL ADDRESS yong6lee@gmail.com			
2. TYPE OF ACTION REQUESTED (Check One)					
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____					
3. CONTRACT NUMBER(S) 11SN01B201		4. FIRST SHIPMENT DATE 02/25/2012		5. LAST SHIPMENT DATE 05/30/2012	
				6. PROPOSED EXPIRATION DATE 11/30/2012	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)					
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT Haynes International, Inc. 1020 West Park Ave., Kokomo, IN 46904		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Sungjin Geotec, Ltd. 20-1, Sungnam-Dong, Nam-Gu Ulsan, South Korea Mr. Tak Young Kim TEL: 052-228-5917 FAX: 052-228-5986 e-mail: haha123b@sgtkor.com		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Jordan Atomic Energy Commission (JAEC) P.O. BOX 70 Amman 11934, The Hashemite, Kingdom of Jordan Mr. Ahmad Malkawi TEL: 00962-5200460 EXT. 121 FAX: 00962-5200471 e-mail: ahmad.malkawi@jaec.gov.jo	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED See page 3		8a. INTERMEDIATE USE(S) See page 3		9a. ULTIMATE END USE(S) Research & Test Reactor	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Inconel 625 Alloy Tube Seamless		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 1004.73 LBS (97.98FT)		10b. MAX ENRICHMENT OR WGT % N/A	
				10c. MAX ISOTOPE WGT (KG) N/A	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)				MAR 23 2012 <i>Rec'd JC</i>	

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

LICENSE NUMBER XCOM1237	DOCKET NUMBER 11005975	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS
 (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)		
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)		
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)		
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)	
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)				

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Young M. Lee	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 03/21/2012
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MAR 23 2012 *Rec'd JC*

NRC FORM 7
(8-2010)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

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

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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

7a.

Supplier of Materials

Inconel 625 Alloy Tube Seamless
UNS N06625 (SB444, Grade 1) : Cold worked
Seamless tubing products

8a.

Nickel Alloys are used as materials for the cladding tubes of second shutdown rod (SSR).
Nickel Alloys have a high Strength and superior corrosion resistance.

9a. Specification of Research & Test Reactor (Specification of JRTR)

Reactor Type	Open-Tank-in-Pool
Thermal Power	5 MW
Max. Thermal Neutron Flux (n/cm ² -s)	about 1.5x10 ¹⁴ in core (perturbed flux for Al dummy rig loading) about 4.0x10 ¹³ in heavy water reflector region (perturbed flux for Al plug loading)
Fuel Type and Material	Box-type fuel assembly with flat fuel plates; Low enriched uranium, 19.75% or less U ₃ Si ₂ in Al matrix, Al clad
Uranium Loading/Fuel Assembly	about 0.4 kg-U-235
Max. Core Inlet/Outlet Temperatures (°C)	37/44
Coolant and Cooling Method	Light water Downward, forced convection flow
Moderator	Light water
Reflectors	Beryllium, heavy water
Absorber Materials	Hafnium (Control Absorber Rod) B ₄ C (Second Shutdown Rod)
Shielding	Water, heavy concrete

MAR 29 2012

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MYTECH CORPORATION

229 West Shore Ave., Bogota, NJ 07603
TEL: 201-342-1234 FAX : 201-548-5224
Young6lee@gmail.com

Mar, 21., 2012

Jill Shepherd-Vladimir
Licencing Officer
Office of International Programs 04E21
U.S. Nuclear Regulatory Commission
Rockville, MD 20852

Subj: NRC Form 7 revision
License No. XCOM1237 Docket No, 11005975

I am pleased to submit the 2nd revised NRC Form 7.
Name/Address od Ultimate Foreign Consignee has been changed.

Thanks for your cooperation.

Sincerely yours,



Young M. Lee, President

XCOM1237

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MAR 23 2012
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