

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 <i>(See Instructions on Pages 4 and 5)</i>				Estimated burden per response to comply with this mandatory collection request 2 4 hours. This submission 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 <a href="mailto:infocollcts.resource@nrc.gov">infocollcts.resource@nrc.gov</a> , 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 <b>JAN 17 2012</b> <i>Rec'd JC</i>			
LICENSE NUMBER <b>XCOM 1237</b>		DOCKET NUMBER <b>11005975</b>		ADAMS ACCESSION NUMBER			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS <i>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</i>							
1. NAME AND ADDRESS OF APPLICANT/LICENSEE <b>Mytech Corporation 229 West Shore Ave. Bogota, NJ 07603</b>		1a. NAME OF APPLICANT'S CONTACT <b>Young M. Lee</b>		1b. APPLICANT'S REFERENCE NUMBER <b>M028580</b>			
		1c. PHONE NUMBER <b>(201) 342-1234</b>		1d. FAX NUMBER <b>(201) 548-5224</b>			
		1e. E-MAIL ADDRESS <b>young6lee@gmail.com</b>					
2. TYPE OF ACTION REQUESTED <i>(Check One)</i> <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) <b>11SN01B201</b>		4. FIRST SHIPMENT DATE <b>02/25/2012</b>		5. LAST SHIPMENT DATE <b>05/30/2012</b>		6. PROPOSED EXPIRATION DATE <b>11/30/2012</b>	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS <i>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</i>							
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT <b>Haynes International, Inc. 1020 West Park Ave., Kokomo, IN 469404</b>		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) <b>Sungjin Geotec, Ltd. 20-1, Sungnam-Dong, Nam-Gu Ulsan, South Korea</b>		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) <b>Jordan University of Science and Technology Irbid, 22110, Jordan</b>			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED <b>See page 3</b>		8a. INTERMEDIATE USE(S) <b>See page 3</b>		9a. ULTIMATE END USE(S) <b>Research &amp; Test Reactor</b>			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT <b>Inconel 625 Alloy Tube Seamless</b> <b>[REDACTED]</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) <b>1004.73 Lbs (97.98FT)</b>		10b. MAX ENRICHMENT OR WGT % <b>N/A</b>		10c. MAX ISOTOPE WGT (KG) <b>N/A</b>	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) <b>N/A</b>						<b>JAN 17 2012</b> <i>Rec'd JC</i>	

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(8-2010)  
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**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <b>XCOM 1237</b>	DOCKET NUMBER <b>110 05975</b>	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) <i>(if applicable)</i>	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 <b>Young M. ee</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE <b>01/13/2012</b>
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*Rec'd*  
JAN 17 2012  
*JC*

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**APPLICATION FOR NRC EXPORT OR IMPORT  
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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 <sup>2</sup> -s)	about 1.5x10 <sup>14</sup> in core (perturbed flux for Al dummy rig loading) about 4.0x10 <sup>13</sup> 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 <sub>3</sub> Si <sub>2</sub> 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 <sub>4</sub> C (Second Shutdown Rod)
Shielding	Water, heavy concrete

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# MYTECH CORPORATION

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TEL: 201-342-1234 FAX : 201-548-5224  
Young6lee@gmail.com

Jan ., 13, 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 revised NRC Form 7.  
Amog 3 items, Inconel 625 tubes, Waukesha 88 Bars and Aluminium seamless tubes  
for Research & Test Reactor, we took out Waukesha 88 Bars and Aluminium Tubes and  
only Inconel 625 tubes are remained.

Thanks for your cooperation.

REC'D  
JAN 17 2012  
JC

Sincerely yours,



Young M. Lee, President