

Newsletter

October, 2021



ICR



Hot Issue

1. 2021 6th Auditor Training Course Plan
2. How to apply for FCC ID
3. SEMI S23 Energy, Utilities, and Materials use efficiency of Semiconductor manufacturing equipment



2021 6th Auditor Training Course Plan



- ICR International Certification Registrar Ltd. Is an auditor training provider directly registered to Exemplar Global.
- ICR plans to hold an **auditor training course in Oct 2021.**
- Through the AU, TL, QM, EM, OH, FS and MD courses, all the trainees will be conducted so that the one's can be qualified for each module.
- Our training teaches auditors how to provide impartial audits based on objective evidence.

※ The detailed schedule of the auditor training course in October 2021 is as follows. *(Remote ZOOM training)*

AU/TL	Oct 05~07 (3 days)	8 hours/1 day, total 24 hours (3 days)
QM	Oct 12~13 (2 days)	8 hours/1 day, total 16 hours (2 days)
EM	Oct 14~15(2 days)	8 hours/1 day, total 16 hours (2 days)
OH	Oct 18~19(2 days)	8 hours/1 day, total 16 hours (2 days)
FS	Oct 20~21(2 days)	8 hours/1 day, total 16 hours (2 days)
MD	Oct 25~26(2 days)	8 hours/1 day, total 16 hours (2 days)

** Training schedules may change depending on the Covid-19 situation.*

 **Inquiries**

System Certification Div. / Hwang, Hyun-Soo

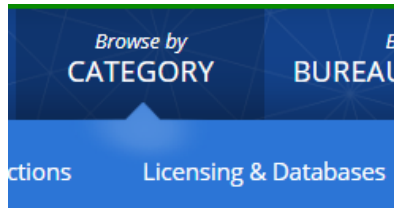
T.02-6351-9001 / hhs@icrqa.com

How to apply for FCC ID

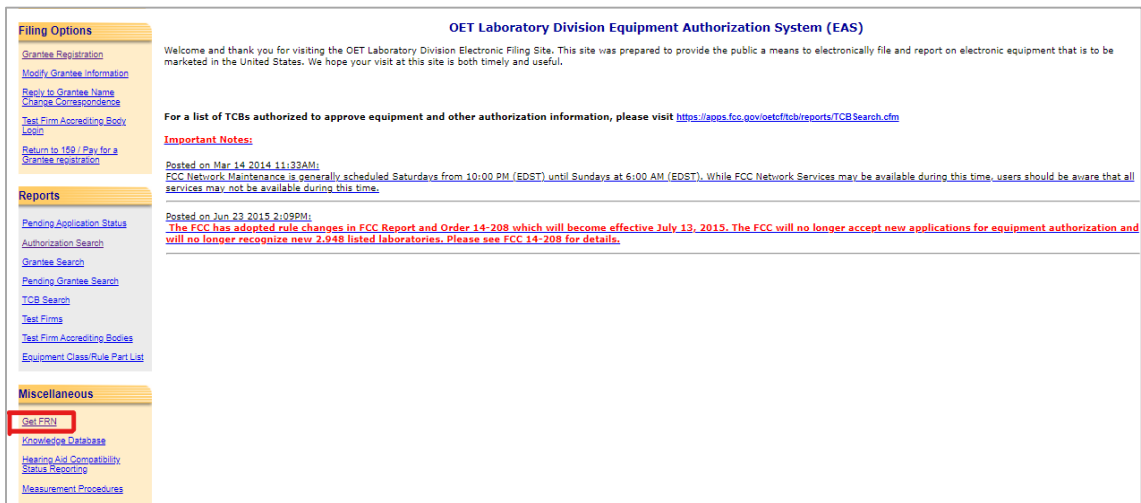


1. "fcc.gov" connect

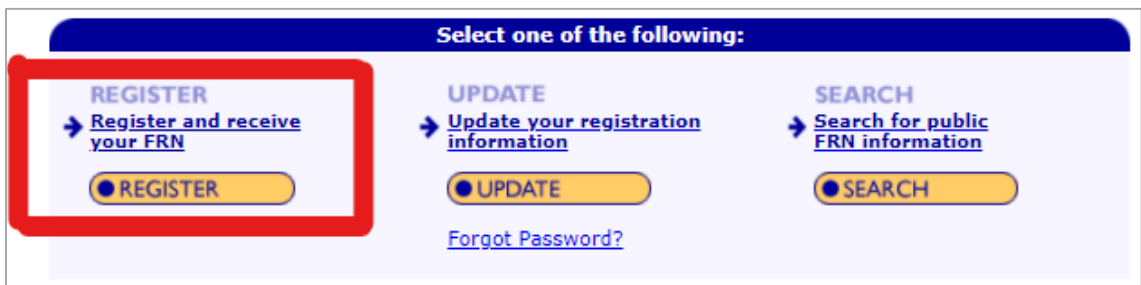
2. "Licencing & Databases" Select "EA" from CATEGORY



3. Select "Get FRN" (bottom of left menu)



4. "REGISTER" SELECTION



How to apply for FCC ID



5. Obtain FRN by filling in applicant information

Register a Domestic Business			
Business Type:	<input type="text" value="Federal Agency"/>	Subtype:	<input type="text" value="Commission"/>
Business Name:*	<input type="text"/>		
If your business has an Employer Identification Number or Taxpayer Identification Number , enter it here: <input type="text"/>			
If your business does not have an Employer Identification Number , select a reason: <input type="text"/> ?			
Contact Information			
Organization:	<input type="text"/>	Position:*	<input type="text"/>
Salutation:	<input type="text"/>	First Name:	<input type="text"/>
Middle Initial:	<input type="text"/>	Last Name:	<input type="text"/>
Suffix:	<input type="text"/>		
Address Line 1:*	<input type="text"/>	Address Line 2:	<input type="text"/>
City:*	<input type="text"/>	State:*	<input type="text" value="ALABAMA"/>
Zip Code:*	<input type="text"/>	Phone:*	<input type="text"/> ext. <input type="text"/>
Fax:	<input type="text"/>	Email:	<input type="text"/>
FRN Password			
For password requirements, click here.			
Password:*	<input type="text"/>	Re-enter Password:*	<input type="text"/>
Personal Security Question			
Please select a Personal Security Question type and provide its corresponding answer. If you wish to provide your own question, please select Custom Question Type... from the dropdown and enter your custom question in the space provided.			
Personal Security Question:*	<input type="text"/>	PSQ Answer:*	<input type="text"/>
Custom Personal Security Question:	<input type="text"/>		
SUBMIT			
Asterisks (*) indicate required fields.			
Revised: April 2005		Form 160 - Approved by OMB 3060-0917	

6. Return to the EAS page and select Grantee Registration

OET Laboratory Division Equipment Authorization System (EAS)	
Filing Options	Welcome and thank you for visiting the OET Laboratory Division Electronic Filing Site. This site was prepared to provide the public a means to electronically file and report on electronic equipment that is to be marketed in the United States. We hope your visit at this site is both timely and useful.
Grantee Registration	
Modify Grantee Information	
Reply to Grantee Name Change Correspondence	
Test Firm Accrediting Body LOGIC	
Return to 159 / Pay for a Grantee Registration	
Reports	
Pending Application Status	
Authorization Search	
Grantee Search	
Pending Grantee Search	
TCB Search	
Test Firms	
Test Firm Accrediting Bodies	
Equipment Class/Rule Part List	
Miscellaneous	
Get FRN	
Knowledge Database	
Hearing Aid Compatibility Status Reporting	
Measurement Procedures	

Important Notes:

Posted on Mar 14 2014 11:33AM:
FCC Network Maintenance is generally scheduled Saturdays from 10:00 PM (EDST) until Sundays at 6:00 AM (EDST). While FCC Network Services may be available during this time, users should be aware that all services may not be available during this time.

Posted on Jun 23 2015 2:09PM:
The FCC has adopted rule changes in FCC Report and Order 14-208 which will become effective July 13, 2015. The FCC will no longer accept new applications for equipment authorization and will no longer recognize new 2-948 listed laboratories. Please see FCC 14-208 for details.

How to apply for FCC ID



7. Grantee is issued by filling in the issued FRN and applicant information

Equipment Authorization System Grantee Registration

Upon completion of this filing, you will receive a five-character Grantee Code to be used when completing the FCC Form 731, Application for Equipment Authorization (there will be no digits zero and/or one in the Code). Please retain this Code for future reference. After successful completion of the Grantee Registration, you will be presented with the Fee Remittance Advice, FCC Form 159. The Form 159 may be submitted electronically (at least 128-bit encryption is required) or in paper form, along with payment to: Federal Communications Commission, Equipment Approval Services, P. O. Box 358315, Pittsburgh, PA 15251-5315.

Grantee's FCC Registration Number(FRN): *

Grantee's Complete, Legal Business Name: *

Grantee's Mailing Address (* Either line one or P.O. Box is required):

Line 1: *

Line 2:

P.O. Box:

City: *

State:

Country: *

Zip/Postal Code:

Grantee's Contact Information

First Name: *

Middle Name:

Last Name: *

Title:

Telephone Number: * Extension:

Fax Number: *

E-mail: *

Mail Stop:

By clicking the proceed button you certify that you are authorized to enter or request changes to this grantee code. All of the statements herein and the exhibits attached hereto, are true and correct to the best of your knowledge and belief. Note that a grantee may authorize an agent to act on his / her behalf in making changes; however, the grantee remains responsible for all grantee information.

* - Indicates that this field must be completed before the registration can be submitted

8. Payment for this grantee code must be received and processed by the bank within thirty (30) calendar days in order for the code to become valid. A late payment will result in the automatic removal of this code from our database.

Inquiries

EMC&RF Test Center / Son, Min-Gi
T.010-5522-2943 / thsalsrl@icrqa.com

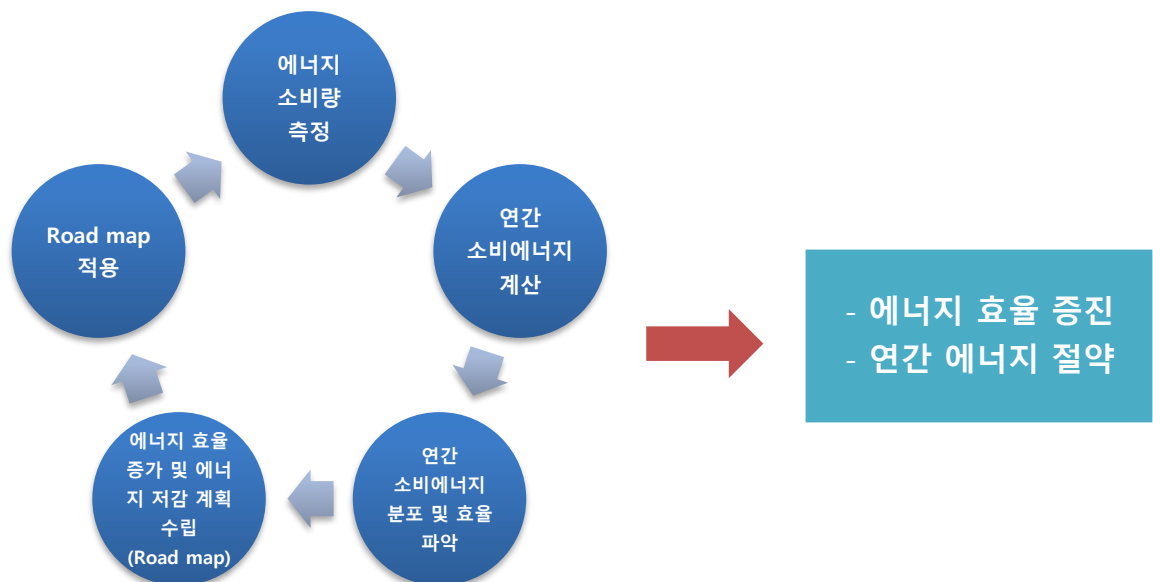
SEMI S23 Energy, Utilities, and Materials use efficiency of Semiconductor manufacturing equipment



- **Energy** is used to produce the various utilities and materials that go into the manufacturing, packaging, shipping, installing, use, decommissioning and disposing of SME(Semiconductor Manufacturing Equipment).

Reducing the energy used in any of these life cycle steps will improve the environmental impact of the SME.

- **SEMI S23** presents how to measure and manage the energy used. The amount of energy is measured and converted through these methods, manufacture can establish and apply Road map to manage increasing of energy efficiency increasing and reducing energy use.



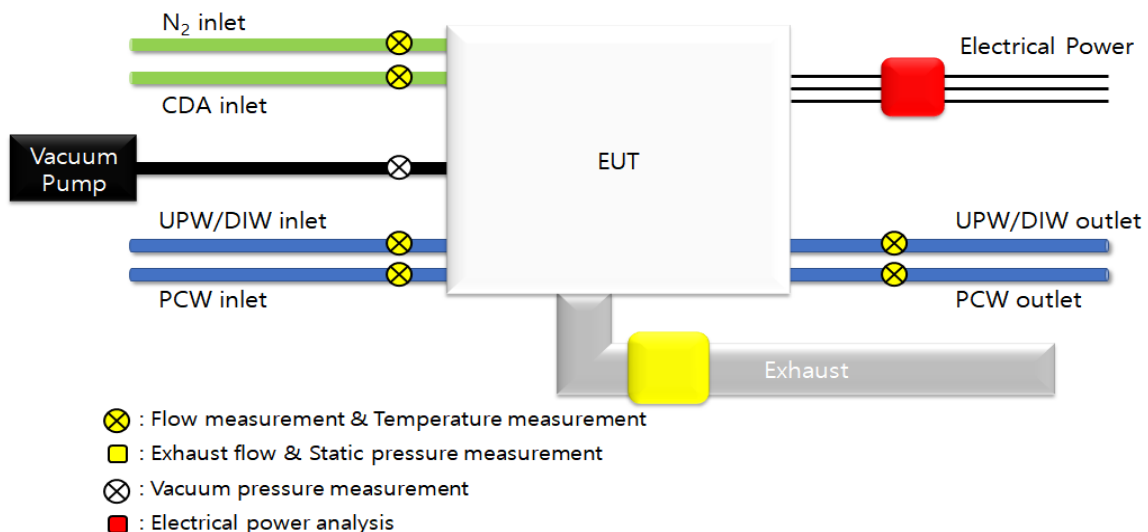
SEMI S23 Energy, Utilities, and Materials use efficiency of Semiconductor manufacturing equipment



- The most effective way to improve energy efficiency is to manage it in the “**use stage**”. Therefore, **measurements for utilities supplied from the outside of the SME are made in the “use stage”**

<Example>

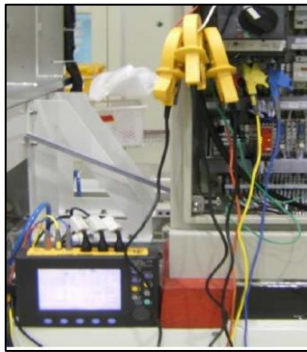
Utility or Material	Measurement
Exhaust System	Measurement of flow rate used for exhaust
Vacuum System	Measurement of flow rate used to maintain vacuum
Clean Dry Air	Measurement of flow rate for clean dry air
N₂	Measurement of flow rate for N ₂
PCW	Measurement of flow rate for PCW Measurement of temperature for IN/OUT of PCW
UPW/DI Water	Measurement of flow rate for UPW/DI Water
Electricity Energy	Measurement of power consumption



SEMI S23 Energy, Utilities, and Materials use efficiency of Semiconductor manufacturing equipment



- Currently, **ICR** has **measurement equipment** to provide data by **analyzing the energy efficiency of SME**. In addition, **skilled engineers at ICR** provide **good quality TEE (Total Equivalent Energy)** reports based on measured data.



Power consumption measuring equipment



Exhaust system measuring equipment



Measuring equipment for CDA, N2, Vacuum



Measuring equipment for PCW

☎ Inquiries

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ICRO-31/R20161125 본 문서는 법률 제 14088호 저작권법의 보호대상이며, ICR의 지적 자산으로 불법 편집 및 복사를 금합니다.

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