

राष्ट्रीय सौर ऊर्जा संस्थान

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)



National Institute of Solar Energy

(An autonomous Institute of the Ministry of New and Renewable Energy, Govt. of India)

गुरुग्राम - फरीदाबाद मार्ग, ग्वाल पहाड़ी, गुरुग्राम - 122003, हरियाणा, भारत

Gurugram - Faridabad Road, Gwal Pahari, Gurugram – 122003, Haryana, India

Service Request Form No. 1.2

Design qualification and type Approval Test, Safety Qualification Test of PV Modules

1.	File No. (To be filled by office)	
2.	Job No. (To be filled by office)	
3.	Requested By (Name)	
	Address of Company /Individuals (in Capital letters).	
	Contact Details- Email id: Mobile: Landline:	
	PAN:	GST:
4.	a) Manufactured By and address of factory	
	b) Date of Submission of Samples	
	c) Condition of samples on receipt	
	d) Testing procedure / Standards	
	e) Services and type of test requested	
5.	Name of Authorized Contact Person with Mobile Number, Email id:	



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We hereby place an order on you for the services and type of test required as described below:

Sr. No	Description	Fees per sample (Rs.)	No. of Samples	Total
1	IS 14286: Part 1: Sec 1: 2019/IEC 61215-1-1: 2016 Terrestrial photovoltaic (PV) modules - Design qualification and type approval: Part 1 test requirements: Sec 1 special requirements for testing of crystalline silicon photovoltaic (PV) modules (Note: 12 number of modules per sample are required)	12,00,000/-		
2.	IS 14286: Part 1: Sec 2: 2019/IEC 61215-1-2: 2016 Terrestrial photovoltaic (PV) modules - Design qualification and type approval: Part 1 test requirements: Sec 2 special requirements for testing of thin - Film cadmium telluride (CdTe) based photovoltaic (PV) modules (Note: 12 number of modules per sample are required)	12,00,000/-		
3.	IS 14286: Part 1 : Sec 3 : 2019/IEC 61215-1-3 : 2016 Terrestrial photovoltaic (PV) modules - Design qualification and type approval: Part 1 test requirements: Sec 3 special requirements for testing of thin - Film amorphous silicon based photovoltaic (PV) modules	12,00,000/-		



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	(Note: 12 number of modules per sample are required)			
4.	IS 14286: Part 1 : Sec 4 : 2019/IEC 61215-1-4 : 2016 Terrestrial photovoltaic (PV) modules - Design qualification and type approval: Part 1 test requirements: Sec 4 special requirements for testing of thin - Film Cu(In,ga)(S,se)_2 based photovoltaic (PV) modules (Note: 12 number of modules per sample are required)	12,00,000/-		
5.	IEC 61215-1-1:2021 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules (Note: 12 number of modules per sample are required)	13,77,000/-		
6.	IEC 61215-1-2:2021 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (Note: 12 number of modules per sample are required)	13,77,000/-		
7.	IEC 61215-1-3:2021 Terrestrial photovoltaic (PV) modules - Design qualification and	13,77,000/-		



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	type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (Note: 12 number of modules per sample are required)			
8.	IEC 61215-1-4:2021 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,GA)(S,Se) ₂ based photovoltaic (PV) modules (Note: 12 number of modules per sample are required)	13,77,000/-		
9.	IEC 61730-1:2016 Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction (Note: 10 number of modules per sample are required)	1,50,000/-		
10.	IEC 61730-2:2016 Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing (Note: 12 number of modules per sample are required including 2 unframed modules)	12,00,000/-		
			Sub Total	
			GST	
			Grand Total	



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Testing Fees Details:

Name of the test	
Transaction Details. & Date	
Bank Name	
Total Amount (Rs)	

Declaration: This is to certify that the information furnished in the service request form is true to the best of my knowledge and belief. National Institute of Solar Energy or its authorized nominee will be free to visit our works in order to assess the details provided above by giving advance notice in writing. We also accept the terms and conditions of the National Institute of Solar Energy annexed with this order.

Date:

Place:

Signature with Seal

Important Note: To be signed by the Company authority or Officer, not below the rank of G.M. / Equivalent.



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General Terms & Conditions

1. One report on each test standard conducted by the NISE in implementation of the order shall be forwarded to the applicant.
2. The report shall contain all the parameters measured along with the parameters required as per the specifications against which the sample(s) has been tested.
3. The report shall contain the following disclaimer.
 - a. This is a report on measurements carried out on the product / sample Nos. _____ at the National Institute of Solar Energy.
 - b. The sample has been selected and submitted by customer.
 - c. The data contents in this report does not constitute a qualification certificate under any set of specifications.
 - d. The measurements made and results reported in this test report are valid at the time of and under stipulated conditions of measurement”.
4. The test report if reproduced for any purpose, commercial or otherwise, should be reproduced in full. Reproduction of a part of the report or an abstract thereof is not permitted.
5. For identification purpose, all material supplied to the NISE for testing purposes shall be marked clearly and indelibly.
6. The tentative period for qualification testing of the sample(s) is Four months from the date of submission, however this period can be very depending along with situation of equipment and priority.
7. National Institute of Solar Energy shall not be responsible for any loss or damage caused to the sample during testing.
8. This test report is not a legal document and is not valid for any kind of legal formalities.
9. The tested sample shall be collected by the customer within 90 days of issue of test report. After the above said period NISE is not compelled to return the sample

Declaration /Undertaking:

I have read the above measured General Terms and Condition carefully and agree with the same.

Date

Signature with Seal

Place

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Data required by Test Lab.

1.	File No. (Generated by NISE)	
2.	Job No. (Generated by NISE)	
3.	Capacity/Rating	
4.	Date of Submission of Samples	
5.	Condition of samples on receipt	
6.	Testing procedure/ Standards	
7.	Services and type of test requested	
8.	Pass/ fail declaration in the report required (Please Tick)	Yes No
9.	Customer wants sample back after testing (Please Tick)	Yes No

Declaration: This is to certify that the information furnished in the service request form is true to the best of my knowledge and belief.

Date:

Place:

Signature with Seal

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Information required by Test Lab.

Sample Details:

Sr. No	Make (Name of Manufacturing Company)	Model No.	Module Technology	Year of Make	Serial No.	Module Dimensions (L X B)	Module Weight	Power Rating, V_{OC} , I_{SC} , System voltage	Cell Area (LX B)	Name of test
1										
2										
3										

Details of the test conducted by Manufacturer (Enclose test results if available):

Sr. No	Description of Test	Remarks

Declaration: This is to certify that the information furnished in the service request form is true to the best of my knowledge and belief.

Date:

Place:

Signature with Seal

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CHECK –LIST (for Form No. 1.2)

Note:- For submitting the PV modules for testing at NISE, the following Check-List is required to be satisfied.

Sr. No.	Particulars	Annexure	Page From	Page To
1.	Each module shall carry the following clear indelible marking:- Name, Logo or Symbol of Manufacturer, Type or Model number, Serial number, Polarity or terminals or Leads			
2.	Order Form duly filled along with the format			
3.	Instruction manual for handling the Module – In case of Manufacturer (Printed in English & Local Language)			
4.	Details of the Modules, including type of cells.			
5.	(A) Self –Attested copy of Manufacturer SSI Registration/NSIC/MSME/ Acknowledgement from District Industrial Centre. (B) Registration Certificate as per Companies Act 1956 or Form No. 61 (C) PAN (D) GST			
6.	Acceptance to the General Terms & Conditions			
7.	Request letter for Sample Submission / Collection with the information of authorized Person / Employee of Company (with Photo-ID Card proof)			
8.	Module Data Sheet, BOM and other details			

All the documents submitted by the company should be certified by the competent authority.

Date:

Place:

Signature with Seal

Important Note: -



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- To be signed by competent authority or by officer not below the rank of G.M. /Equivalent
- Sample will be received at the Customer Service Cell of National Institute of Solar Energy till 04:00 PM on any working day