



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. 1.6

PV module performance testing and energy rating, Irradiance and Temperature Performance Measurement

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.	IEC 61853-1:2011 Photovoltaic (PV) module performance testing and energy rating - Part 1: Irradiance and temperature performance measurements and power rating With PAN File (Mono facial module) (Note: 3 modules per sample)	1,28,000/-		
2.	IEC 61853-1:2011 Photovoltaic (PV) module performance testing and energy rating - Part 1: Irradiance and temperature performance measurements and power rating Without PAN File (Mono facial) (Note: 3 modules per sample)	1,15,000/-		
3.	IEC 61853-1:2011 Photovoltaic (PV) module performance testing and energy rating - Part 1: Irradiance and temperature performance measurements and power rating With PAN File (Bi facial module) (Note: 3 modules per sample)	1,60,000/-		
4.	IEC 61853-1:2011 Photovoltaic (PV) module performance testing and energy rating - Part 1: Irradiance and temperature performance measurements and power rating With out PAN File (Bi facial module) (Note: 3 modules per sample)	1,45,000/-		
5.	Angle of incidence test as per IEC 61853-2:2016	10,000/-		



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	Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements (Mono facial) (Note: 1 module/1 representative module per sample)			
6.	Angle of incidence test as per IEC 61853-2:2016 Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements (Bi facial) (Note: 1 module/1 representative module per sample)	18,000/-		
6.	Spectral response testing (cell/ module) as per IEC 61853-2:2016 Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements (Note: 1 representative module/ 1 cell per sample)	5,000/-		
7.	Module operating temperature measurement test as per IEC 61853-2:2016 Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements (Note: 3 modules per sample)	5000/-		
8.	IEC 61853-2:2016 Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements (Mono facial) (Note: 1 module and 1 representative module/ 1 cell per sample)	80,000/-		
	IEC 61853-2:2016 Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements (Bi facial) (Note: 1 module and 1 representative module/ 1 cell per sample)	1,00,000/-		



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9.	IEC 61853-3:2018 Photovoltaic (PV) module performance testing and energy rating - Part 3: Energy rating of PV modules IEC 61853-4:2018 Photovoltaic (PV) module performance testing and energy rating - Part 4: Standard reference climatic profiles with PAN file (it includes IEC 61853-1, -2, -3, -4) (Mono facial) (Note: 3 modules and 1 representative module/ 1 cell per sample)	2,50,000/-		
10.	IEC 61853-3:2018 Photovoltaic (PV) module performance testing and energy rating - Part 3: Energy rating of PV modules IEC 61853-4:2018 Photovoltaic (PV) module performance testing and energy rating - Part 4: Standard reference climatic profiles with PAN file (it includes IEC 61853-1, -2, -3, -4) (Bi facial) (Note: 3 modules and 1 representative module/ 1 cell per sample)	3,00,000/-		
11.	Charge for addition per Model Number in PAN file	25,000/-		
			Sub Total	
			GST	
			Grand Total	

Testing Fees Details:

Name of the test	
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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.

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 will be issued to the customer for the test (s) conducted by NISE.
2. The report shall contain all the parameters measured at NISE along with the parameters required as per the specified standards/ MNRE specifications and claims made by the manufacturer for the test sample.
3. The report contains the following disclaimer:
 - a) This report is for the measurements carried out on the product/samples no.___at the NISE.
 - b) The sample has been selected and submitted by the customer.
 - c) The data contents in this report do 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 the testing purpose shall be marked clearly and indelibly as per the standard.
6. NISE shall not be responsible for any loss or damage caused to the sample during testing.
7. This test report is not a legal document and is not valid for any kind of legal formalities.
8. The tested sample shall be collected by the customer within 90 days of issue of the test report. After the above said period, NISE is not obliged to return the sample.

Declaration /Undertaking:

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

Date

Signature with Seal

Place

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



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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.	Customer wants to take sample back after testing (Please Tick)	<div>Yes</div> <div>No</div>

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

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



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Information required by Test Lab.

Sample Details:

Sr. No	Make (Name of Manufacturing Company)	Model No.	Module Technology	Make of year	Serial No.	Module Dimensions (L X B)	Module Weight	Power Rating, Voc, Isc	Cell Area (L X 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

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



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Check List (for Order Form No. 1.6)

(CRYSTALLINE SILICON/THIN FILM PV MODULE PERFORMANCE TESTING AS PER IEC 61853-1)

Note: For submitting the Crystalline silicon/Thin film PV module for performance testing as per IEC 61853-1 at NISE, the following Check –List is required to be satisfied.

Sr. No	Particulars	Annexure	Page From	Page To
1	Three modules are required to submit for this test. Each module shall carry the following clear indelible markings: Name, Logo or symbol of Manufacturer's, Type or model number, Serial number (inside the glass) Polarity of terminal or leads			
2	Order form duly filled with format			
3	Instruction manual for handling the module –in case of manufacturer (Printed in English, Local languages)			
4	Details of module, including type of cell			
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, BIS/IEC certificates			

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

Date:

Place:

signature with seal

Important Notice:

- 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 4:00 PM on any working day



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