

STANDARDS NEW ACTIVITY REPORT FORM (SNARF)

Date Prepared: Sep. 18th, 2020	Revised (if Applicable):
Photovoltaic (OPV) and Dye-Sensitiz With Title Change To SEMI PV57 - Test Method for Curren	nt-Voltage (I-V) Performance Measurement of Organic red Solar Cell (DSSC) nt-Voltage (I-V) Performance Measurement of Organic red Solar Cell (DSSC) and Perovskite Solar Cell(PSC)
Originating Global Technical Committee: Photo	ovoltaic
Originating TC Chapter: Taiwan	
Task Force (TF) in which work is to be carried o	out: Organic and Dye Sensitized Solar Cell and Perovskite Solar Cell Task Force (OPV/DSSC/PSC TF)
Submitted by: Teng-Chun Wu	Company: ITRI
Email: wtc@itri.org.tw	
Phone: +886 03-5911020	
Refer to <i>Procedure Manual</i> § 2.2.4 for more informa	ation on properly filling out the SNARF.
 Rationale: Describe the need or problem addressed by this ac (Indicate the customer, what benefits they will receive, and if pos Document is implemented.) 	ctivity. ssible, quantify the impact on the return on investment [ROI] if the
silicon-based p-n junction solar cells. Therefore, needed in order to obtain accurate performance val spectral correction are required to solve the capacurrent SEMI PV57 measures the I-V method for DSSC/OPV. In order to make the original method	nificantly different between DSSC/OPV/PSCs and newly established I-V measurement techniques are ues of DSSC/OPV/PSCs. Extra measuring period and acitance effects and spectral mismatch issues. The DSSC/OPV. PSC has the same capacitance effect as d more clearly applicable to PSC. This activity shalling, and it has been clearly stated that this method is
b: Estimate effect on industry. Check one of the follows: 1: Major effect on entire industry or on multiple important industry the relevant sectors:	
X 2: Major effect on an industry sector - identify the relevant sector:	
☐ 3: Major effect on a few companies	
☐ 4: Slight effect or effect not determinable	

1

c: Estimate technical difficulty of the activity. Check one of the following:



☐ I: No Difficulty – Proven concepts and techniques €	exist or quick agreement is anticipated
X II: Some Difficulty – Disagreements on known requi	irements exist, but developing consensus is possible
☐ III: Difficult – Limited expertise and resources exist	and/or achieving consensus is difficult
$\ \square$ IV: Extremely Difficult – Expertise and resources an	re scarce and/or achieving consensus is very difficult
2. Scope: a: Describe the technical areas to be covered or addre (For Subordinate Standards, list common concepts or criteria tha well as differences from the Primary Standard.)	essed by this Document development activity. It the Subordinate Standard inherits from the Primary Standard, as
measurement and device qualification. The obj performance evaluation either indoors or outdoors, (1) Define the specific STC for DSSC/OPV/PS (2) Provide a statistic method for DSSC/OP capacitive effect	·
b: Expected result of activity	
□ New Standard or Safety Guideline (including	☐ Line-item revision to two or more existing Standards
replacement of an existing Standard or Safety Guideline)	or Safety Guidelines Reapproval of a Standard or Safety Guideline
$\hfill\square$ New Subordinate Standard to an existing Standard or	$\hfill \square$ Removal of a Standard or Safety Guideline
to a new Primary Standard to be developed concurrently with this new Subordinate Standard	☐ Withdrawal of a Standard or Safety Guideline
□ New Preliminary Standard	☐ Reinstatement of a Standard or Safety Guideline
X Major revision to an existing Standard or Safety Guideline	☐ Publication of an existing Standard or Safety Guideline as an American National Standard
☐ Line-item revision to an existing Standard or Safety Guideline	☐ New Auxiliary Information
	☐ Modification of existing Auxiliary Information
For a new Subordinate Standard, identify the Primary	Standard here:
	, identify the Standard(s) or Safety Guideline(s) that are to rts of the Standard(s) or Safety Guideline(s) that are to be
☐ Modification of an existing part of Standard(s) or S	afety Guideline(s) including Appendices.
Complementary Files, and Supplementary Materials	,

 $\hfill \square$ Addition of one or more Appendices or Complementary Files to an existing Standard or Safety Guideline



☐ Addition of one or more Related Information section Guideline Revision or addition of one or more Subordinate Sta	ons or Various Materials to an existing Standard or Safety ndards to an existing Primary Standard
For Standards, identify the Standard Subtype b	elow:
☐ Classification	☐ Guide
□ Practice	☐ Specification
Test Method	☐ Terminology
☐ Miscellaneous (describe:)	
3. Projected Timetable for Completion:	
a: General Milestones	et –
a. Activity Start: 2020.9.18	b. 1 st Draft by: 2020.12.01
c. (Optional) Informational Ballot by: 2020.12.10	d. Letter Ballot by: 2020.12.10
e: TC Chapter Approval By: 2020.12.15	<u></u>
4. Liaisons:	
□ will be issued – identify the recipient global techn	nical committee(s):
X will not be issued	
5. Safety Considerations:	
technically sound and complete - Refer to § 15.1 of the Regula	information is removed from the Document, the Document is NOT ations for special procedures to be followed. Iated information is removed from the Document, the Document is still
6. Intellectual Property Considerations:	

a: For a new Standard or Safety Guideline and for any part to be modified or added in a Revision of published

Standards and Safety Guidelines (Check one):



 X the use of patented technology is NOT required. □ patented technology is intended to be included in the proposed Standard(s) or Safety Guideline(s). (If the second box is checked, check one): □ Letter of Intent received □ Letter of Intent not received b: For Revision, Reapproval, Reinstatement, or Withdrawal of existing Standard(s) and Safety Guideline(s) (Check one): Xthere is no known material patented technology necessary to use or implement the Standard(s) and Safety Guideline(s) □ there is previously known material patented technology necessary to use or implement the Standard(s) and Safety Guideline(s)
c: The body of the Document and any Appendices, Complementary Files, Related Information sections, or Various Materials that may or may not be a part of the Document by reference (Check one): □ will incorporate Copyrighted Item
X the incorporation of Copyrighted Item will NOT be required
NOTE FOR 'the use of patented technology or the incorporation of Copyrighted Item(s) is NOT required': If in the course of developing the Document, it is determined that the use of patented technology or Copyrighted Item(s) is necessary for the Document, the provisions of <i>Regulations</i> § 16 must be followed. NOTE FOR 'will incorporate Copyrighted Item': A copyright release letter must be obtained from the copyright owner prior to publication.
7. Comments, Special Circumstances:
8. TC Member Review (Check one):
X took place between (put dates here: 12/10/2020 and 12/24/2020) before approval at the TC Chapter Meeting, or
□ took place between (<i>put dates here:</i> MM/DD/YYYY and MM/DD/YYYY) before approval by the GCS, or
□ is not required for this SNARF. NOTE FOR 'TC Member Review': A TC Member Review is required by the <i>Regulations</i> for a period of at least two weeks before approval of a new, or a major revision of an existing, Standard or Safety Guideline. (See <i>Regulations</i> ¶ 8.2.1)
9. Approval Dates: TC Chapter or GCS: Recorded in TC Chapter Minutes: