

STANDARDS NEW ACTIVITY REPORT FORM (SNARF)

Date Prepare	ed: 07/01/2019	Revised (if Applicable): 11/15/2021			
SNARF for:		d Table Recommendations for High Purity Polymer pure Water-and Liquid Chemical Distribution			
Originating	Originating Global Technical Committee: Liquid Chemicals				
Originating	TC Chapter: North America				
Task Force	(TF) in which work is to be carried out:	High Purity Polymer Materials and Components Task Force			
Submitted b	py: Bob McIntosh	Company: Georg Fischer Piping Systems			
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Refer to <i>Proc</i>	redure Manual § 2.2.4 for more information	on properly filling out the SNARF.			
Document is imp Current SEM components contaminatio of high purity This docume polymer mat	olemented.) All specifications are based on the quality used in manufacturing high purity system requirements it becomes clear that there is components will need to be for the future tent will need to be updated to proactively to	of commercially available polymer materials and ms. With the new IRDS in place with new target needs to be a "roadmap" defining what the quality of manage the risks associated with the high purity so. The biggest challenges today are metals and			
TighteningDefine the fVerify that t	urthree areas that have been identified as criteria for the components with the larger frequency of testing that should occur for the critical components used in chemical sure criteria for particles with reference to Si	surface area. he material supplier. ystems are listed in the guide.			
X 1: Major eff	fect on industry. Check one of the following fect on entire industry or on multiple import relevant sectors: Advanced Semicond				
•	fect on an industry sector relevant sector:				
	fect on a few companies relevant companies:				

 \square 4: Slight effect or effect not determinable

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c: Estimate technical difficulty of the activity. Check of	ne of the following:				
☐ I: No Difficulty – Proven concepts and techniques exist or quick agreement is anticipated					
$\ \square$ II: Some Difficulty – Disagreements on known requi	irements exist, but developing consensus is possible				
X III: Difficult – Limited expertise and resources exist	and/or achieving consensus is difficult				
$\hfill \square$ IV: Extremely Difficult – Expertise and resources are	e scarce and/or achieving consensus is very difficult				
2. Scope:					
a: Describe the technical areas to be covered or addre	The state of the s				
well as differences from the Primary Standard.)	t the Subordinate Standard inherits from the Primary Standard, as				
The guide will establish criteria for the allowable co	ontribution of contaminants by critical components for				
UPW and UHP chemicals. This should include anal					
	rking on new revision of SEMI F57 standard, which is				
	ed by UPW IRDS (former ITRS) roadmap. The IRDS ing from the critical components as tested by SEMI				
	for metals and organics in UPW. The areas covered				
will be establishing criteria for allowable contribution by critical components used for UPW treatment plant					
and distribution system.					
b: Expected result of activity	_				
X New Standard or Safety Guideline (including	☐ Line-item revision to two or more existing Standards				
replacement of an existing Standard or Safety	or Safety Guidelines				
Guideline)	□ Reapproval of a Standard or Safety Guideline				
☐ New Subordinate Standard to an existing Standard or	•				
to a new Primary Standard to be developed concurrently	☐ Removal of a Standard or Safety Guideline				
with this new Subordinate Standard	☐ Withdrawal of a Standard or Safety Guideline				
☐ New Preliminary Standard	☐ Reinstatement of a Standard or Safety Guideline				
☐ 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	□ New Auxiliary Information				
Guideline	☐ Modification of existing Auxiliary Information				
	3				
For a new Subordinate Standard, identify the Primary	Standard here:				
For revision of existing Standard(s) or Safety Guideline(s), be revised here:, and identify which part	identify the Standard(s) or Safety Guideline(s) that are to rts of the Standard(s) or Safety Guideline(s) that are to be				
revised. (Check all that apply.)					
☐ Modification of an existing part of Standard(s) or Sc Complementary Files, and Supplementary Materials	afety Guideline(s) including Appendices,				
$\hfill\Box$ Addition of one or more Appendices or Complement	ntary Files to an existing Standard or Safety Guideline				
$\hfill \square$ Addition of one or more Related Information section Guideline	ns or Various Materials to an existing Standard or Safety				
$\hfill \square$ Revision or addition of one or more Subordinate St	andards to an existing Primary Standard				

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For Standards, identify the Standard Sub	type below:
☐ Classification	X Guide
☐ Practice	☐ Specification
☐ Test Method	☐ Terminology
☐ Miscellaneous (describe:)	
3. Projected Timetable for Completion:	
a: General Milestones	
a. Activity Start: December 2021 2019	b. 1 st Draft by: May <mark>2022</mark> 2020
c. (Optional) Informational Ballot by:	d. Letter Ballot by: June 20222020
e: TC Chapter Approval By: July 2022200	
4. Liaisons:	
	rnal nonprofit organizations (e.g., SDO) that should receive Draftick during this activity and be notified when the Letter Ballot is all technical committee(s):
5. Safety Considerations: The resulting Document is expected (Check o	ana).
☐ to be a Safety Guideline	, no,.
X NOT to be a Safety Guideline	
technically sound and complete - Refer to § 15.1 of the	r-related information is removed from the Document, the Document is NOT to Regulations for special procedures to be followed. Safety-related information is removed from the Document, the Document is still a safety-related information.
6. Intellectual Property Considerations:	
a: For a new Standard or Safety Guideline and Standards and Safety Guidelines (Check o	d for any part to be modified or added in a Revision of published one):
X the use of patented technology is NOT r	required.
	oquirou.
□ patented technology is intended to be in	cluded in the proposed Standard(s) or Safety Guideline(s).



□ 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):	s)			
☐ there 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 and Safety Guideline(s)	d(s)			
c: The body of the Document and any Appendices, Complementary Files, Related Information sections, of Various Materials that may or may not be a part of the Document by reference (Check one):	r			
□ 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.				
Background information: High Purity Polymer Task Force is just finishing working on new revision of SEMI F57 standard, which expected to be based on the purity needs as defined by UPW IRDS (former ITRS) roadmap. The IRDS also defined the requirements for metals and organics in UPW and UHP chemicals.				
8. TC Member Review (Check one):				
X took place between (<i>put dates here:</i> 07/23/2019 and 09/07/2019 11/15/2021 and 11/28/2021 before approval at the TC Chap	pter			
Meeting, or				
□ took place between (<i>put dates here:</i> MM/DD/YYYY and MM/DD/YYYY) before approval by the GCS, o	r			
□ 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: 11/05/2019				
Recorded in TC Chapter Minutes: 11/05/2019				

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