



ISC Audits & Reviews SC Summary (December 2017)

Doc.	Title	Results
5267A;	New Standard: Specification for Microfluidic Port and Pitch Dimensions;	Passed
5841A;	New Standard: Guide for Specifying Low Pressure Horizontal Diffusion Furnace;	Passed
5925A;	New Standard: Specification for Dual-glass Module with Crystalline Silicon Terrestrial Solar Cell;	Passed
5942;	Revision to SEMI E49.4-0298, Guide for High Purity Solvent Distribution Systems in Semiconductor Manufacturing Equipment , with title change to, Guide for Ultrahigh Purity Solvent Distribution Systems with Metallic Fluid Paths in Semiconductor Manufacturing Equipment;	Passed
5968A;	New Standard: Guide for Sample Preparation Method for Photovoltaic Backsheet Performance Tests ;	Passed
5978;	Revision to SEMI E49.5-1104, Guide for Ultrahigh Purity Solvent Distribution Systems in Semiconductor Manufacturing Equipment, with title change to, Guide for the Design of Ultrahigh Purity Solvent Distribution Systems with Non-Metallic Fluid Paths in Semiconductor Manufacturing Equipment;	Passed
6005-LI1;	Enhancement to the SEMI E30 with SMN for documenting messages in an equipment supplier's GEM documentation ;	Passed
6015-LI1;	Add M83 reference in sections 4, 5, and 8.;	Passed
6074;	New Standard: Test Method for Peeling Force between Electrode and Ribbon/Back Sheet;	Failed
6096A-LI1;	Addition of Related Information 2;	Passed
6125A;	Revision to SEMI F23-0697 (Reapproved 0712), Particle Specification for Grade 10/0.2 Flammable Specialty Gases with title change to Specification for Particle Concentration of Grade 10/0.2 Hydrogen Gas;	Passed
6136;	Revision to SEMI F98-0305 (Reapproved 1111), Guide for Treatment of Reuse Water in Semiconductor Processing, with title change to Guide for Water Reuse in Semiconductor Industry;	Passed
6144A-LI1;	Clarify that the accompanying spreadsheet is of the Various Materials type of Supplementary Materials ;	Passed
6144A-LI2;	Add clarification on the different types of COO values calculated.;	Passed
6144A-LI3;	Add missing Reporting Results section.;	Passed
6144A-LI4;	Miscellaneous minor technical and/or editorial changes needed.;	Passed
6145A-LI1;	Standardize terminology (e.g., measurement system, measurement system analysis [MSA]) to harmonize with SEMI E89.;	Passed
6145A-LI2;	Line-Item 2: Implement required changes due to the major revision and scope change implemented in referenced SEMI S16. ;	Passed
6145A-LI3;	Add clarification on the 'good unit equivalents (GUE) per year' term. ;	Passed
6145A-LI4;	Update the Related Documents section. ;	Passed
6145A-LI5;	Miscellaneous minor technical and/or editorial changes needed. ;	Passed
6146A-LI1;	Change definition and calculation of cost footprint (CF) to cost footprint rectangle area (Acf);	Passed



Doc.	Title	Results
6146A-LI2;	Provide additional guidance for calculating/estimating throughput per SEMI E79. ;	Passed
6146A-LI3;	Provide additional guidance for calculating/estimating utilization and uptime metrics per SEMI E10.;	Passed
6146A-LI4;	Clarify what types of engineering should be included. ;	Passed
6146A-LI5;	Clarify the difference between initial training vs. ongoing training and clarify what training-related costs are included. ;	Passed
6146A-LI6;	Update the definitions of 'consumable material' and 'consumable part' to match the ones in referenced SEMI E10. ;	Passed
6146A-LI7;	Revise and harmonize the SEMI E35 Cost Elements Section 9 with the SEMI E140 Definitions worksheet. ;	Passed
6146A-LI8;	Miscellaneous minor technical and/or editorial changes needed. ;	Passed
6185A-LI1;	Correct SEMI E4 nonconforming title per SEMI Standards Procedure Manual, from "SEMI Equipment Communications Standard 1 Message Transfer (SECS-I)" to "Specification for SEMI Equipment Communications Standard 1 Message Transfer (SECS-I)";	Passed
6190-LI1;	Correct SEMI C45-0309E nonconforming title per SEMI Standards Procedure Manual, from "Specification and Guideline for Tetraethylorthosilicate (TEOS)" to "Specification and Guide for Tetraethylorthosilicate (TEOS)".;	Passed
6204-LI1;	Title change to align with procedure manual;	Passed
6204-LI2;	Add Table of Contents and remove list of sections from scope section;	Passed
6204-LI3;	Update retroactive clause to refer to more versions than S6-93 and align with S2 revision;	Passed
6204-LI4;	Clean up some references to other documents;	Passed
6205-LI1;	Change the source of the footnote 1 reference.;	Passed
6206-LI1;	Change the source of the footnote 1 reference.;	Passed
6211;	Reapproval of SEMI F22-0812, Guide for Bulk and Specialty Gas Distribution Systems;	Passed
6217;	Reapproval of SEMI C3.56-0312, Specification for Diborane Mixtures;	Passed
6218;	Reapproval of SEMI C3.57-0312, Specification for Carbon Dioxide, CO2, Electronic Grade in Cylinders;	Passed
6219;	Reapproval of SEMI C52-0301 (Reapproved 0312), Specification for the Shelf Life of a Specialty Gas;	Passed
6237;	Reapproval of SEMI E116.1-0707, Specification for SECS-II Protocol for Equipment Performance Tracking (EPT) ;	Passed
6238;	Reapproval of SEMI E126-0708 (Reapproved 0613), Specification for Equipment Quality Information Parameters (EQIP);	Passed
6239;	Reapproval of SEMI E130.1, Specification for SECS-II Protocol for Prober Specific Equipment Model for 300 mm Environment (PSEM300) ;	Passed
6241;	Reapproval of SEMI E113-306 (Reapproved 0512), Specification for Semiconductor Processing Equipment RF Power Delivery Systems;	Passed
6242;	Reapproval of SEMI E136-1104 (Reapproved 0512), Test Method for Determining the Output Power of RF Generators Used in Semiconductor	Passed



Doc.	Title	Results
	Processing Equipment RF Power Delivery Systems;	
6243;	Reapproval of SEMI E143-0306 (Reapproved 0512), Test Method for Measuring Power and Variation into a 50-? Load and Power Variation and Spectrum into a Load with a VSWR of 2.0 at Any Phase Angle;	Passed
6250-LI1;	Correct SEMI C29-1110 nonconforming title per SEMI Standards Procedure Manual, from "Specifications and Guide for 4.9% Hydrofluoric Acid (10:1 v/v)" to "Specification and Guide for 4.9% Hydrofluoric Acid (10:1 v/v)".;	Passed
6252;	Reapproval of SEMI C1-0310, Guide for the Analysis of Liquid Chemicals;	Passed
6253;	Reapproval of SEMI C40-1110, Specification for Potassium Hydroxide, 45% Solution;	Passed
6254;	Reapproval of SEMI C62-0309, Specification for Porogen Precursors Used in Low K CVD Processes;	Passed
6255;	Reapproval of SEMI C63-1108, Specification for Organosilicate Precursors Used in Low K CVD Processes ;	Passed
6256;	Reapproval of SEMI C81-0113, Guide for Tris(Dimethylamino) Silane (3DMAS);	Passed
6257;	Reinstatement of SEMI F34-0998, Guide for Liquid Chemical Pipe Labeling;	Passed
6258;	Revision to SEMI E49.7-0304E, Purity Guide for the Design And Manufacture of Ultrapure Water and Liquid Chemical Systems In Semiconductor Process Equipment, with title change to Guide for the Design and Manufacture of Polymer Assemblies Used for Liquid Chemical Systems in Semiconductor Equipment;	Passed
6259;	Revision To SEMI C21-0708, Specifications and Guidelines For Ammonium Hydroxide Including Title Change To "Specification and Guide For Ammonium Hydroxide;	Passed
6260;	Revision to SEMI C28-0611, Specifications for Hydrofluoric Acid, with title change to correct nonconforming title.;	Passed
6261;	Revision to SEMI C41-0705, Specifications and Guidelines for 2-Propanol, including title change to "Specification and Guide For 2-Propanol";	Passed
6262;	Revision to SEMI C44-0514, Specification And Guide For Sulfuric Acid;	Passed
R5633F;	Ratification Ballot - New Standard, Test Method for Viewing Angle Characteristic using Mixed Color on Visual Displays;	Passed

Line Item (LI)

Doc. 6074 failed. All other documents passed and will be forwarded to Standards Publications for final processing.

For more information, please contact the SEMI Standards Engineer/Coordinator. (<http://www.semi.org/standards/contacts>) nearest you.

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Dec 12, 2017