



## Status of Active Proposals to Develop New and to Revise Existing 3-A Standards and Accepted Practices

**Important Note:** All proposals approved for referral to the Working Group are assigned a proposal number. Previously, proposals were given a “T” prefix to indicate that this proposal is “tentative.” New revision proposals drafted in a “B Level” format (normative reference to *3-A Sanitary Standard for General Requirements, 00-*) are assigned a “B” prefix.

**March 9, 2020**

This chart lists projects the 3-A SSI Working Groups are currently undertaking. It is updated on a routine basis. If a project has more than six months without any activity it is subject to removal from this chart.

Working Group Priorities—the following are the priorities of the Working Groups in developing new and revising existing 3-A Standards and Accepted Practices:

1. 3-A Standards and Accepted Practice “B Level” revision projects formatted with normative reference to *3-A Sanitary Standard for General Requirements, 00-*.
2. Requests for new or revision of existing Standards and Accepted Practices approved by the Steering Committee.
3. Those Standards and Accepted Practices more than five years old, not in the above two categories. (Procedures state that these have to be reviewed for date relevance and revised if determined they are out of date.)

## Current List of Standards/Accepted Practices and Their Assigned Work Group

<i>WG</i>	<i>Name</i>	<i>Standards</i>
1	Vessels	01-, *05-, 22-, 24-, 25-, 29-, *32-, *78-, 84-
2	Fillers	*17-, 23-, 27-
3	Fittings & Valves	*33-, *42-, 51-, 52-, 53-, 54-, 55-, 56-, 57-, *58-, 59-, 60-, 62-, *63-, 64-, 65-, 68-, 82-, 85-, 95-
4	Pumps & Mixers	02-, 04-, 21-, 35-, 36-, 44-, 73-, 87-
5	Heat Exchangers	*11-, 12-, 19-, *31-, *61-
6	Conveyors	39-, 41-, 75-, *81-, *88-
7	Instruments	*28-, *46-, 50-, *74-
8	Concentrating	16-, *26-, 34-, 40-, *45-, 49-, 607, 608-, *610-
9	Farm & Raw Milk	10-, 13-, *30-, *102-, 606-, 611-
10	Cheese & Butter	*38-, *70-, 71-, 72-, *83-
11	Process & Cleaning	101-, 603-, 605-, 613-, 614-
12	Plant Support	*103-, 604-, 609-, 612-
13	Materials	18-, 20-
14	General Requirements	00-

\* Indicates the Standard/Accepted Practice has been converted to "B Level" Format using the General Requirements Standard as the normative reference

## Projects By Work Group

### **General Requirements (formerly the Format & Style Manual) Work Group 14**

**IMPORTANT NOTE:** 3-A Sanitary Standards, Inc. (3-A SSI) has moved to an “A- and B-level” document hierarchy. In January, 2011 the decision was made to discontinue Version 5 of the *Format & Style Manual* and move to developing the “A-Level- General Requirements Standard.”

With an A/B level standards system, the general overall equipment sanitary requirements are contained in a master, or base, “A-level” General Requirements Standard. The technical requirements unique to the specific equipment within the scope of the standard are contained in the “B-level” Standard. (Each specific 3-A SSI equipment Standard has contained both the general and specific requirements before embracing the A- B-level methodology.) The decision was made to adopt this new A/B level format in order to streamline the revision and maintenance process.

3-A SSI developed the “A-level” Standard as an American National Standard to give greater credibility, recognition across multiple industries (ones where such Standards may not be available to further the public health), and to allow others to participate who normally would not be reached.

Work Group Name	3-A Standard/AP	Document Leader	Status
<p><b>#1: Vessels</b></p> <p><b>Chair:</b> Steve McWilliams Walker Stainless Steel</p> <p><b>Vice Chair:</b> Vacant</p>	<p>A. <b>22-08, Silo-Type Storage Tanks</b></p>	<p><b>B-22-08-A Silo-Type Storage Tanks:</b></p> <p>Gabe Miller Pi-Fs, Inc. <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a></p>	<p><b>B-22-08-A Silo-Type Storage Tanks:</b></p> <p>Draft circulated for comments and WG meetings are proceeding.</p>
<p><b>#2: Fillers</b></p> <p><b>Chair:</b> Jean Delisi Consultant for Tetra Pak</p> <p><b>Vice Chair:</b> Frank DiMattei HY-TECH SOLUTIONS</p>	<p>A. <b>17-12 Formers, Fillers, and Sealers of Containers for Fluid Products</b></p>	<p><b>B-17-12-A Fluid and Viscous Products:</b></p> <p>Frank DiMattei Osgood Industries <a href="mailto:frank.dimattei@bosch.com">frank.dimattei@bosch.com</a></p>	<p><b>B-17-12-A Fluid and Viscous Products:</b></p> <p>At the 2014 Annual Meeting, Members decided to retract B-106-00 proposed document which was a draft combined 17-11 and 23-06 document and agreed that the best option would be to revise 17-11 and 23-06 standards independently and in parallel revise these documents separately using a B Level Guidance Document Revision (B-17-11-A and B-23-06-A). B-Level draft B-23-06-A Equipment for Packaging Viscous Products has been added to B-17-12-A. Webinar Sessions have produced a final draft for Original WG Ballot. Original WG Ballot was successful with one negative for resolution. WG Chair and Document Leader completed resolution of comment and Original SC Ballot was successful, comments resolved leading to a WG B Recirculated Ballot to close 3/13/20.</p>
	<p>B. <b>27-07, Equipment for Packaging Dry Products</b></p>	<p><b>B-27-07-B Dry Products:</b></p> <p>Scott Lodermeier Powder Process-Solutions <a href="mailto:slodermeier@powder-solutions.com">slodermeier@powder-solutions.com</a></p>	<p><b>B-27-07-B Dry Products:</b></p> <p>Revision proposals for gas flushing probes and sintered materials and B level draft development approved for referral.</p>
<p><b>#3: Valves &amp; Fittings</b></p> <p><b>Chair Pro-Tem:</b> Terry Gardner</p>	<p>A. <b>53-06, Compression Valves</b></p>	<p><b>B-53-06-A Compression Valves:</b></p> <p>Nicolas Maggio</p>	<p><b>B-53-06-A Compression Valves:</b></p> <p>On 11/2/2018, WG Members agreed to B-53-06-A as the next “B-Level” conversion project. Webinar Sessions are underway.</p>

Work Group Name	3-A Standard/AP	Document Leader	Status
Alfa Laval, Inc.  <b>Vice Chair:</b> Vacant		Samson Controls, Inc. <a href="mailto:nicolas.maggio@samsongroupna.com">nicolas.maggio@samsongroupna.com</a>	
<b>#4: Pumps &amp; Mixers</b>  <b>Chair:</b> Lyle Clem Electrol Specialties Co  <b>Vice Chair:</b> Scott Haman Fristam Pumps	A. <b>02-11</b> , <i>Centrifugal and Positive Rotary Pumps</i>	<b>B-02-11-A Milk Pumps:</b>  Curt Hagen SPX Flow Technology <a href="mailto:curt.hagen@spxflow.com">curt.hagen@spxflow.com</a>	<b>B-02-11-A Milk Pumps:</b>  On September 9, 2014 WG Members agreed to the revision of 3-A Sanitary Standards for Centrifugal and Positive Rotary Pumps, 02-11 as a B Level pilot project (B-02-11-A). Mr. Curt Hagen agreed to assume the Document Leader position for this revision effort. B level draft ready for WG review. Webinar Sessions proceeding. Comments requested on final draft due 3/6/20.
	B. <b>21-01</b> , <i>Centrifugal Separators and Clarifiers</i>	<b>B-21-01-A Centrifugal Separators and Clarifiers</b>  Reinhard Moss GEA Westfalia Separator <a href="mailto:reinhard.moss@gea.com">reinhard.moss@gea.com</a>	<b>B-21-01-A Centrifugal Separators and Clarifiers:</b>  B level draft ready for WG review.
	C. <b>B-04-05-A/B</b> , <i>Homogenizers</i>	<b>B-04-05-A/B Homogenizers:</b>  Keith Ortman, Tetra Pak <a href="mailto:keith.ortman@tetrapak.com">keith.ortman@tetrapak.com</a>	<b>B-04-05-A/B Homogenizers:</b>  Amendment proposal for E1.8.1.7 was referred to WG4 on 6/22/2016. 1 <sup>st</sup> draft B level proposal circulated 4/25/2017. E1.8.1.7 No minimum radius is required for retaining grooves for O-rings/seals where a backup ring is required to prevent O-ring/seal extrusion due to high pressure ( $\geq 300$ PSI) on inside corners mating with this backup ring. Members were provided both –A/-B Proposals. No comments received. Original WG Ballot was successful with negatives for disposition. Pending availability of Document Leader.
<b>#5: Heat Exchangers</b>  <b>Chair:</b>	A. <b>12-07</b> , Tubular Heat Exchangers	<b>B-12-07-A, Tubular Heat Exchangers:</b>	<b>B-12-07-A Tubular Heat Exchangers:</b>  On 9/26/2019, WG Chair and Members agreed to commence

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<p>Mike Schopp, Pick Heaters</p> <p><b>Vice Chair:</b> Curt Hagen, SPX Flow Technology</p>		<p>Curt Hagen SPX Flow Technology <a href="mailto:curt.hagen@spxflow.com">curt.hagen@spxflow.com</a></p>	<p>review and draft of B-12-07-A. Webinar Sessions are proceeding.</p>
<p><b>#6: Conveyors &amp; Feeders</b></p> <p><b>Chair:</b> Scott Lodermeier Powder Process-Solutions</p> <p><b>Vice Chair:</b> Steve Thomas RELCO, LLC</p>	<p>A. <b>B-41-03-A, Mechanical Conveyors for Dry Milk and Dry Milk Products</b></p>	<p><b>B-41-03-A, Mechanical Conveyors for Dry Milk and Dry Milk Products</b></p> <p>Steve Thomas <a href="mailto:sthomas@relco.com">sthomas@relco.com</a></p>	<p><b>B-41-03-A, Mechanical Conveyors for Dry Milk and Dry Milk Products:</b></p> <p>Members agreed to begin revision work on 11/25/2019. Webinar Sessions are proceeding.</p>
	<p>B. <b>B-104-00-A, Rotary Airlock Valves</b></p>	<p><b>B-104-00-A, Rotary Airlock Valves</b></p> <p>Gabe Miller Pi-Fs, Inc. <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a></p>	<p><b>B-104-00-A, Rotary Airlock Valves:</b></p> <p>At the 2019 Annual Meeting, Members discussed the title, scope and definition of a rotary airlock valve. Webinar Sessions are being planned. N180 was released on May 30, 2019. On August 27, 2019 the Work Group canceled their meeting due to non-participation. Webinar Session was cancelled due to non-participation; Members have tabled this project.</p>
	<p>C. <b>B-617-00-A, Pneumatic Conveyors for Dry Milk and Dry Milk Products</b></p>	<p><b>B-617-00-A, Pneumatic Conveyors for Dry Milk and Dry Milk Products</b></p> <p>Scott Lodermeier Powder Process-Solutions <a href="mailto:slodermeier@powder-solutions.com">slodermeier@powder-solutions.com</a></p>	<p><b>B-617-00-A, Pneumatic Conveyors for Dry Milk and Dry Milk Products:</b></p> <p>Project was on hold until the release of the <i>General Requirements Standard</i>. Now available, 39-01 <i>Pneumatic Conveyors for Dry Milk and Dry Milk Products</i> was previously approved for referral to WG6 for conversion to an Accepted Practice on July 10, 2012. Post approval of Proposal B-617-00-A, Standard 39-01 will be rescinded. Members agreed to postpone this project until SMEs were identified to conduct revision work.</p>

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<p><b>#7: Instruments</b></p> <p><b>Chair:</b> Nick Williams Anderson-Negele</p> <p><b>Vice Chair:</b> Jeff Brand VEGA</p>	<p>A. <b>50-01, Level Sensing Devices for Dry Products</b></p>	<p><b>B-50-01-A, Level Sensing Devices for Dry Products:</b></p> <p>Jeff Brand VEGA <a href="mailto:je.brand@vega.com">je.brand@vega.com</a></p>	<p><b>B-50-01-A Level Sensing Devices for Dry Products:</b></p> <p>Jeff Brand assumed Document Leader position on 10/23/2019. The first draft was circulated and Webinar Sessions proceeding.</p>
<p><b>#8: Concentrating Equipment</b></p> <p><b>Chair:</b> Steve Thomas, RELCO</p> <p><b>Vice Chair:</b> Warren Green, Hixson</p>	<p>A. <b>607-05, Spray Drying Systems</b></p>	<p><b>B-607-05-A Spray Drying Systems:</b></p> <p>Bruce Schwartzbauer GEA Process Eng. Inc. <a href="mailto:bruce.schwartzbauer@gea.com">bruce.schwartzbauer@gea.com</a></p>	<p><b>B-607-05-A Spray Drying Systems:</b></p> <p>Revision proposal for flex connectors for B level draft development approved for referral. Webinar Sessions in progress.</p>
	<p>B. <b>607-05, Spray Drying Systems</b></p>	<p><b>B-607-05-B Spray Drying Systems:</b></p> <p>Bruce Schwartzbauer GEA Process Eng. Inc. <a href="mailto:bruce.schwartzbauer@gea.com">bruce.schwartzbauer@gea.com</a></p>	<p><b>B-607-05-B Spray Drying Systems:</b></p> <p>Revision proposal for flex connectors for B level draft development approved for referral. Pending data for discussion per proposal submitter.</p>
	<p>C. <b>607-05, Spray Drying Systems</b></p>	<p><b>B-607-05-C Spray Drying Systems:</b></p> <p>Bruce Schwartzbauer GEA Process Eng. Inc. <a href="mailto:bruce.schwartzbauer@gea.com">bruce.schwartzbauer@gea.com</a></p>	<p><b>B-607-05-C Spray Drying Systems:</b></p> <p>Revision proposal for high pressure clamps for B level draft development approved for referral.</p>
	<p>D. <b>607-05, Spray Drying Systems</b></p>	<p><b>B-607-05-D Spray Drying Systems:</b></p> <p>Bruce Schwartzbauer GEA Process Eng. Inc. <a href="mailto:bruce.schwartzbauer@gea.com">bruce.schwartzbauer@gea.com</a></p>	<p><b>B-607-05-D Spray Drying Systems:</b></p> <p>Revision proposal for camera for B level draft development approved for referral. Tabled by Proposer for further data.</p>

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<p><b>#9: Farm/Raw Milk</b></p> <p><b>Chair:</b> Mike Kelley Paul Mueller Company</p> <p><b>Vice Chair:</b> Mel Jolly International Business Consulting</p>	<p>A. <b>13-11, Farm Milk Cooling and Holding Tanks</b></p>	<p><b>B-13-11-A Farm Milk Cooling and Holding Tanks:</b></p> <p>Whitney Thompson PMC <a href="mailto:wthompson@muel.com">wthompson@muel.com</a></p>	<p><b>B-13-11-A Farm Milk Cooling and Holding Tanks:</b></p> <p>On September 10, 2014, WG Members agreed to the revision of 3-A Sanitary Standards for Farm Milk Cooling and Holding Tanks, 13-11 as a B Level pilot project (B-13-11-A). Chair Kelley agreed to assume the Document Leader position for this revision effort. Draft Proposal N82 was circulated on 12/17/2014. Webinars in progress.</p>
<p><b>#10: Cheese &amp; Butter Equipment</b></p> <p><b>Chair:</b> Paul Bokelmann Advanced Process Technologies, Inc.</p> <p><b>Vice Chair:</b> Vacant</p>	<p>A. <b>71-01, Italian-Type Pasta Filata Style Cheese Moulders,</b></p>	<p><b>B-71-01-A Italian-Type Pasta Filata Style Cheese Moulders:</b></p> <p>Steve Thomas RELCO, LLC <a href="mailto:sthomas@relco.net">sthomas@relco.net</a></p>	<p><b>B-71-01-A Italian-Type Pasta Filata Style Cheese Moulders:</b></p> <p>On October 23, 2019, WG Chair and Document Leader agreed to issue B-71-01-A for comments. Webinar Sessions in progress. Comments on revised scope proposal in progress.</p>
<p><b>#11: Process &amp; Cleaning Systems</b></p> <p><b>Chair:</b> Gabe Miller Pi-Fs, Inc.</p> <p><b>Vice Chair:</b> Lyle Clem Electrol Specialties Co.</p>	<p>A. <b>T-603-07-A, Sanitary Construction, Installation, Testing and Operation of High-Temperature Short-Time and Higher-Heat Shorter-Time Pasteurizer Systems</b></p>	<p><b>B-603-07-A HTST/HHST Pasteurizer Systems</b></p> <p>Lyle Clem Electrol Specialties Co. <a href="mailto:lyleclem@att.net">lyleclem@att.net</a></p>	<p><b>B-603-07-A HTST/HHST Pasteurizer Systems:</b></p> <p>At the Annual Meeting 5/19 Members requested that this AP be updated as quickly as possible to bring it up to date with the current PMO. Target date of draft review May 2018. This document will not reference the 3-A Sanitary Standards for General Requirements, 00-. Draft pending.</p>
	<p>B. <b>B-605-04-A, Installation and CIP of Processing Equipment and Hygienic Pipelines</b></p>	<p><b>B-605-04-A Installation and CIP of Processing Equipment and Hygienic Pipelines</b></p> <p>Sam Lebowitz</p>	<p><b>B-605-04-A CIP Installation and CIP of Processing Equipment and Hygienic Pipelines:</b></p> <p>At the Annual Meeting 2017, Members asked that the CIP General Guidance for Cleaning be incorporated into the “B</p>



Work Group Name	3-A Standard/AP	Document Leader	Status
		Electrol Specialties Co. <a href="mailto:sam4cip@aol.com">sam4cip@aol.com</a>	Level” revision of 605-04 instead of creating a new separate AP 613. Webinars are in progress.
<b>#12: Plant Support Systems</b> <b>Chair:</b> Lee Scott Parker Hannifin  <b>Vice Chair:</b> Open	A. <b>B-604-05-A, Supplying Air Under Pressure</b>	<b>B-604-05-A, Supplying Air Under Pressure:</b>  Connor Rojina, Donaldson <a href="mailto:robert.rojina@donaldson.com">robert.rojina@donaldson.com</a>	<b>B-604-05-A Supplying Air Under Pressure:</b>  At the Annual Meeting on 5/19/2016 Members agreed to convert 604-05 to the new B Level format. A draft for comments was circulated. No comments have been received. Draft being prepared for Original WG Ballot.
<b>#13: Materials &amp; Materials Testing</b> <b>Chair:</b> Vacant  <b>Vice Chair:</b> Lyle Clem Electrol Specialties Co.			<b>No current activity</b>
<b>#14: General Requirements</b>  <b>Chair:</b> Gabe Miller Pi-Fs, LLC	A. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-A General Requirements</b>  Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add a definition for “Pits” to the General Standard 00-. Proposal reviewed at the 2019 Annual Meeting.
	B. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-B General Requirements</b>  Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add a definition for “HVOF” to the General Standard 00-. Proposal reviewed at the 2019 Annual Meeting.

<b>Work Group Name</b>	<b>3-A Standard/AP</b>	<b>Document Leader</b>	<b>Status</b>
	C. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-C General Requirements</b> Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Editorial revision to clause E1.1.3 to correct the grammar. Proposal reviewed at the 2019 Annual Meeting.
	D. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-D General Requirements</b> Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add definitions for Fluid Products, Viscous Products, and Dry Products. Proposal reviewed at the 2019 Annual Meeting.
	E. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-E General Requirements</b> Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. This proposal is to add the words “or gaskets” and reference E8.1.3 in Clause E7.3. Proposal reviewed at the 2019 Annual Meeting.
	F. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-F General Requirements</b> Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. This proposal is to reduce the required weld radii for welding of materials 0.080” (2 mm) and thinner. Proposal reviewed at the 2019 Annual Meeting.
	G. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-G General Requirements</b> Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add further clarification to the use of bonding materials to preclude the use of bonding materials in applications where they are not intended or permitted. Proposal reviewed at the 2019 Annual Meeting.
	H. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-H General Requirements</b> Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add dry cleaning to E4.1. Proposal reviewed at the 2019 Annual Meeting.

<b>Work Group Name</b>	<b>3-A Standard/AP</b>	<b>Document Leader</b>	<b>Status</b>
	I. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-I General Requirements</b>  Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add “Brass” as a permissible material to limited applications in non-product contact surface materials. Proposal reviewed at the 2019 Annual Meeting.
	J. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-J General Requirements</b>  Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral on June 30, 2017 for amendment to 00-01-2018. Add steam sterilization fabrication requirements that are common to many standards. Proposal reviewed at the 2019 Annual Meeting.
	K. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-K General Requirements</b>  Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral of proposal to relocate illustrations to appendix as an amendment to 00-01-2018. Proposal reviewed at the 2019 Annual Meeting.
	L. <b>3-A 00-01-2018, General Requirements</b>	<b>T-00-01-L General Requirements</b>  Gabe Miller, Pi-Fs, LLC: <a href="mailto:gabe.miller@pi-fs.com">gabe.miller@pi-fs.com</a>	Steering Committee approved referral of proposal for enclosed thread definition to amend to 00-01-2018. Proposal reviewed at the 2019 Annual Meeting.