Brussels, 21/12/2017

Newsletter-December 2017

General News from the Director

Dear Readers of our Newsletter,

ASD-STAN looks back on a successful year 2017 with 72 prEN and 123 EN publications. Moreover, this month we have published 4 prENs, which you may find in our web-shop. Currently ASD-STAN has developed 2371 European Norms and published in addition 766 ASD-STAN prENs in total.

Since the last two years, ASD-STAN is running several clean-up activities:

- *to focus and summarize the standardization work on the development of standards;*
- *to transform the remaining ASD-STAN published projected European Norms (ASD-STAN prEN) to European Norms published by CEN;*
- *to update the CEN database regarding the results and the status of the 5-year reviews of already published standards.*

The first activity is performed and results in 373 remaining standardization projects. The second one is still running and will be finished in 2018. The 5-year review status is nearly updated and will be closed soon by CEN. This will lead to updated information about the work of ASD-STAN at different levels.

*ASD-STAN is offering a training with the DIN Akademie on "**REACH and standardization – How can standards take REACH requirements into account?"***
For many aerospace companies, the complexity of REACH requirements poses a major challenge. REACH has an impact not only on internal processes but also on the entire supply chain. This means that airlines, OEMs, suppliers and MRO services need to comply with a variety of authorization and restriction requirements.

After expiry of the registration deadlines for large tonnages in 2010 and 2013, the last registration deadline for pre-registered substances will expire on 31 May 2018. By then the substances that are manufactured or imported in quantities of up to 100 tonnes per year must be registered. This last registration deadline particularly affects the aerospace industry, which now has the task of producing a registration dossier.

Addressed are Aerospace companies, OEMs, suppliers and MRO and their departments covering of Quality assurance, legal department, purchase, Occupational safety and environmental protection, supply chain management or Product safety.

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E-mail: contact@asd-stan.org Telephone: +32 2 775 81 26 - Fax: +32 2 775 81 31

For more details see the Flyer and the links at https://www.asd-stan.org/communication-2/ and/or https://www.beuth.de/en/din-seminar/reach-konformitaet-in-der-luft-und-raumfahrt-reach-anforderungen-effizient-umsetzen/281974644

ASD-STAN is wishing you a Merry Christmas, a happy holiday season and a successful Happy New Year 2018.

Do not hesitate to contact us if you have additional questions.

Thank you and enjoy the read!

With the best regards,
Andreas Jain
Director ASD-STAN

Important news:

In December 2017, ASD-STAN has published 4 ASD-STAN prENs:

ASD-STAN prEN 2584 P1

ASD-STAN prEN 2585 P1

ASD-STAN prEN 2951 P2

ASD-STAN prEN 6059-305 P2

which are available in our website for purchase.

Requests for the network license:

If you wish to have a network license to use the document/s inside your organization please send the request to our sales department **here**

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Possible actions:

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Statistics for the last 3 years

Statistics 2017

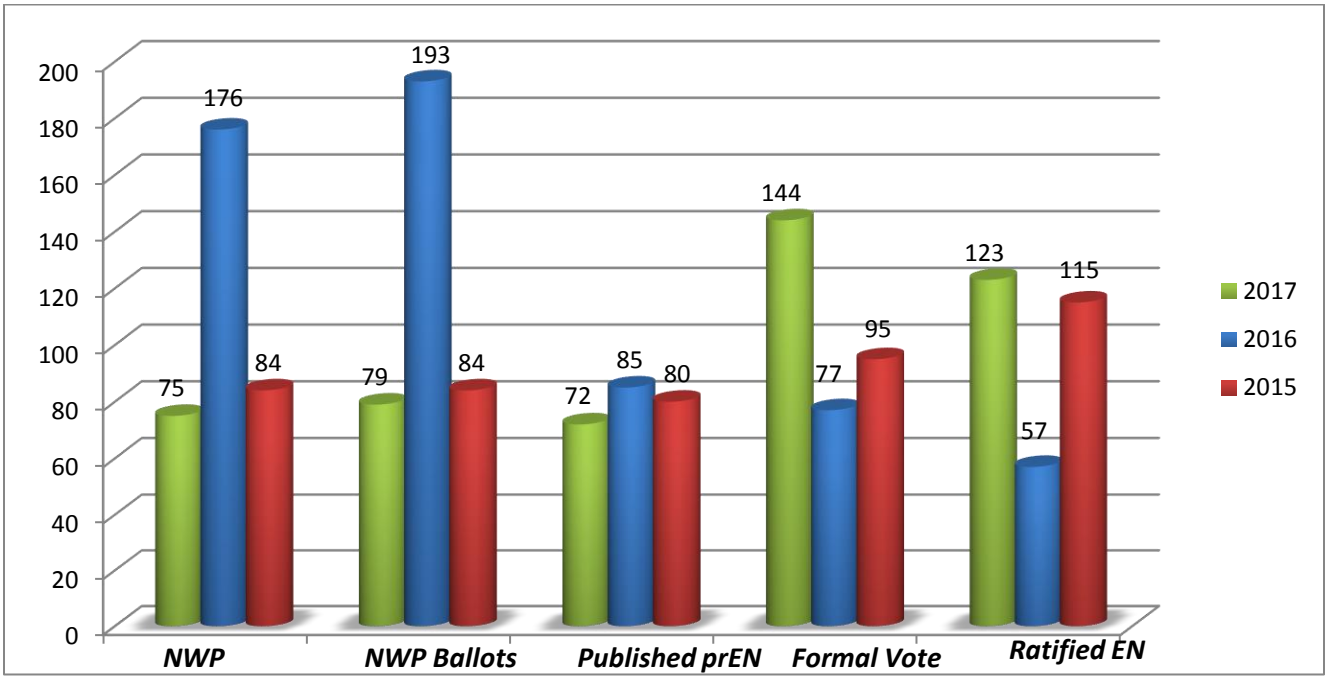
- ***75** New Work Proposals (stage 00.00)*
- ***79** New Work Proposal Ballots (stage 10.00)*
- ***72** Published prENs (stage 40.00)*
- ***144** Documents Sent for Formal Vote (stage 50.00)*
- ***123** Ratified EN (stage 60.00)*

Statistics 2016

- ***176** New Work Proposals (stage 00.00)*
- ***193** New Work Proposal Ballots (stage 10.00)*
- ***85** Published prENs (stage 40.00)*
- ***77** Documents sent for Formal Vote (stage 50.00)*
- ***57** Ratified EN (stage 60.00)*

Statistics 2015

- ***84** New Work Proposals (stage 00.00)*
- ***84** New Work Proposal Ballots (stage 10.00)*
- ***80** Published prENs (stage 40.00)*
- ***95** Documents Sent for Formal Vote (stage 50.00)*
- ***115** Ratified EN (stage 60.00)*



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ASD-STAN prEN Publications of the month December 2017

Now available at the ASD-STAN Web-shop
(http://www.asd-stan.org/online-document-store/)

NOTE:

- *These ASD-STAN prEN/TR standards are replacing any previous ASD-STAN prEN/TR editions with the same number.*
- *They will supersede any previous EN editions (if any) with the same number after the CEN Formal Vote procedure.*

Type	Domain	Number	Ed	Title	Pages	Date
prEN	MECH	**2584**	P1	Aerospace series — Bearing, spherical plain in corrosion resisting steel with self-lubricating liner — Narrow series — Elevated load at ambient temperature — Dimensions and loads	11	1/12/2017
prEN	MECH	**2585**	P1	Aerospace series — Bearing, spherical plain in corrosion resisting steel with self-lubricating liner — Wide series — Elevated load at ambient temperature — Dimensions and loads	12	1/12/2017
prEN	MAT	**2951**	P2	Aerospace — Metallic materials — Test method Micrographic determination of content of non-metallic inclusions	8	1/12/2017
prEN	ELEC	**6059-305**	P2	Aerospace series — Electrical cables, installation — Protection sleeves — Test methods — Part 305: Fluid absorption	4	1/12/2017

4 ASD-STAN prEN published

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Standardization

Publication Notice – December 2017

EN Publications of the month December 2017

NOTE: ***These EN standards are replacing any previous ASD-STAN prEN/EN editions with the same number.***

Type	Domain	Number	Ed	Title	Pages	Date
EN	**MAT**	**2119**	**1EN**	Aerospace series — Heat resisting alloy FE-PA2601 (X6NiCrTiMoV26-15) — Solution treated and precipitation treated — Wires for rivets — 2 mm ≤ D ≤ 10 mm — Rm ≥ 960 MPa	8	13/12/2017
EN	**MAT**	**2135**	**1EN**	Aerospace series — Steel FE-PL61 — Carburized, hardened and tempered — Bar — De ≤ 40 mm	8	13/12/2017
EN	**MAT**	**2137**	**1EN**	Aerospace series — Steel FE-PL75 — 1 100 MPa ≤ Rm ≤ 1 250 MPa — Bars — De ≤ 100 mm	8	13/12/2017
EN	**MAT**	**2174**	**1EN**	Aerospace series — Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) — Solution treated and precipitation treated — Forgings — De ≤ 100 mm — Rm ≥ 850 MPa	8	13/12/2017
EN	**MAT**	**2221**	**1EN**	Aerospace series — Steel FE-PL31 — Hardened and tempered — Hollow bars — 3,5 mm ≤ a ≤ 55 mm	8	13/12/2017
EN	**MAT**	**2222**	**1EN**	Aerospace series — Steel FE-PL31 — Hardened and tempered — Hand and die forgings	8	13/12/2017
EN	**ELEC**	**4533-002**	**2EN**	Aerospace series — Fibre optic systems — Handbook — Part 002: Test and measurement	52	20/12/2017
EN	**ELEC**	**4533-003**	**2EN**	Aerospace series — Fibre optic systems — Handbook — Part 003: Looming and installation practices	19	20/12/2017
EN	**MAT**	**6064**	**1EN**	Aerospace series — Analysis of non-metallic materials (cured) for the determination of the extent of cure by Differential Scanning Calorimetry (DSC)	11	20/12/2017
9 EN published						

The related DIN EN standards will be available soon at the ASD-STAN web-shop.

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Standardization

Publication Notice – December 2017

Ballots reminder

NWP: New Work Proposal Ballot

Number	Domain	Edition	Title	Due Date
8.9066 (7107)	ENV	P1	Aerospace series — 100° countersunk head bolts, close tolerance shank, short thread, metric and inch series — Product standard	15/12/2017
8.9067 (7109)	ENV	P1	Aerospace series — Grub screw flat tip, slotted, metric and inch series	15/12/2017
8.9068 (7111)	ENV	P1	Aerospace series — Hexagonal head bolts, with shoulder shank, metric and inch series — Product standard	15/12/2017
8.9066 (7112)	ENV	P1	Aerospace series — Hexagonal head bolts, with shank tolerances h11, metric and inch series	15/12/2017
2997-011	ELEC	P4	Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 011: Dummy receptacle — Product standard	23/12/2017
3381	MECH	P3	Aerospace series — Screws, 100 ° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium, anodized, MoS2 lubricated — Classification: 1 100 MPa (at ambient temperature)/315 °C	08/01/2018
4496	MECH	P2	Aerospace series — Screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, anodized, with aluminium pigmented coating — Classification: 1 100 Mpa (at ambient temperature) / 315 °C	08/01/2018
8.9070 (7032)	ENV	P1	Aerospace series — Technical specification for nuts	17/01/2018
3004	MECH	P2	Aerospace series —Nuts, self-locking, in heat resisting steel FE-PA92HT (A286)-Classification: 1100 MPa/650°C-Technical specification	17/01/2018
4013	MECH	P3	Aerospace series — Shank Nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated — Classification: 1 550 MPa/600 °C	17/01/2018
3672	MECH	P3	Aerospace series — Shank nuts, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated, for 30° swage — Classification: 1 210 MPa (at ambient temperature)/730 °C	31/01/2018

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Publication Notice – December 2017

6069	MECH	P4	Aerospace series — Rivet, 100° reduce flush head, close tolerance — Inch series	31/01/2018
6080	MECH	P4	Aerospace series — Rivet, 100° normal flush head, close tolerance — Inch series	31/01/2018
6081	MECH	P3	Aerospace series — Rivet, universal head, closed tolerance — Inch series	31/01/2018
6101	MECH	P3	Aerospace series — Rivet, 100° medium flush head, close tolerance — Inch series	31/01/2018

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ASD-STAN Standardization

Publication Notice – December 2017

NDB: National Domain Ballot

Number	Domain	Edition	Title	Due Date
9253	QUAL	P1	Aerospace series — Surveillance of Aerospace Design Suppliers	28/12/2017
4857-001	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 001: Technical specification.	04/01/2018
4857-002	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 002: Technical requirements.	04/01/2018
4857-003	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 003: Square flange receptacle	04/01/2018
4857-004	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 004: Square flange hermetic receptacle	04/01/2018
4857-005	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 005: Solder mount hermetic receptacle	04/01/2018
4857-006	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 006: Protective cap for receptacle	04/01/2018
4857-007	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 007: Protective cap for plug	04/01/2018
4857-008	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 008: Protective cap for plug	04/01/2018
4857-009	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 009: Jam nut receptacle.	04/01/2018
4857-010	ELEC	P1	Aerospace series — Minature Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 010: Jam nut hermetic receptacle	04/01/2018
9255	QUAL	P1	Aerospace series — Acceptance of supplier's design capabilities and management of Design Organisation authorisations	12/01/2018
4732	ELEC	2	Aerospace series — Compatibility validation procedure between components with cadmium and/or chromium VI with their "green" substitute	14/01/2018
3844-1	MAT	P2	Aerospace series — Flammability of non-metallic materials — Part 1: Small burner test, vertical — Determination of the vertical flame propagation	17/01/2018

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Standardization

Publication Notice – December 2017

3844-2	MAT	P2	Aerospace series — Flammability of non-metallic materials — Part 2: Small burner test, horizontal — Determination of the horizontal flame propagation	17/01/2018
3844-3	MAT	P2	Aerospace series — Flammability of non-metallic materials — Part 3: Small burner test, 45° — Determination of the resistance of material to flame and glow propagation and to flame penetration	17/01/2018
4612-002	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly — XLETFE Family — Jacketed or screened and jacketed — Part 002: General	17/01/2018
4612-003	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 003: Tin plated copper — Operating temperatures, between − 65 °C and 135 °C — Single extruded wall for open applications, with jacket without screen — UV laser printable — Product standard	17/01/2018
4612-004	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 004: Tin plated copper — Operating temperatures, between − 65 °C and 135 °C — Single extruded wall for open applications, with jacket and screen (braid) — UV laser printable — Product standard	17/01/2018
4612-005	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 005: Tin plated copper — Operating temperatures, between − 65 °C and 135 °C — Dual extruded wall for open applications, with jacket without screen — UV laser printable — Product standard	17/01/2018
4612-006	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 006: Tin plated copper — Operating temperatures, between − 65 °C and 135 °C — Dual extruded wall for open applications, with jacket and screen (braid) — UV laser printable — Product standard	17/01/2018
4612-007	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 007: Silver plated copper — Operating temperatures, between − 65 °C and 150 °C — Single extruded wall for open applications, with jacket without screen — UV laser printable — Product standard	17/01/2018
4612-008	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 008: Silver plated copper — Operating temperatures, between − 65 °C and 150 °C — Single extruded wall for open applications, with jacket and screen (braid) — UV laser printable — Product standard	17/01/2018
4612-009	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 009: Silver plated copper — Operating temperatures, between − 65 °C and 150 °C — Dual extruded wall for open applications, with jacket without screen — UV laser printable — Product standard	17/01/2018
4612-010	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 010: Silver plated copper — Operating temperatures, between − 65 °C and 150 °C — Dual extruded wall for open applications, with jacket and screen (braid) — UV laser printable — Product standard	17/01/2018

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Standardization

Publication Notice – December 2017

4612-011	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 011: Nickel plated copper — Operating temperatures, between − 65 °C and 150 °C — Dual extruded wall for open applications, with jacket without screen — UV laser printable — Product standard	17/01/2018
4612-012	ELEC	P2	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly XLETFE Family jacketed or screened and jacketed — Part 012: Nickel plated copper — Operating temperatures, between − 65 °C and 150 °C — Dual extruded wall for open applications, with jacket and screen (braid) — UV laser printable — Product standard	17/01/2018
9251	QUAL	P1	Aerospace series — Flammability Test Organisations Specific requirements for test process and capabilities	22/01/2018
4860	MAT	P1	Aerospace series — Environmental testing — Test Xb: Abrasion of markings, letterings, surfaces and materials caused by rubbing of fingertips and hands	30/01/2018
7010	ENV	P1	Aerospace series — User guide for creation and designation of bolts	31/01/2018
2885	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, coarse tolerance normal shank, short thread, in alloy steel, cadmium plated — Classification : 900 MPa (at ambient temperature) / 235 °C	19/02/2018
2886	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, close tolerance normal shank, short thread, in alloy steel, cadmium plated — Classification : 900 MPa (at ambient temperature) / 235 °C	19/02/2018
3278	MECH	P2	Aerospace series — Sleeves, tubular, protruding head, in corrosion resisting steel, passivated (0,25 mm wall thickness)	19/02/2018
3685	MECH	P3	Aerospace series — Bolts in heat resisting steel FE-PA2601 (A286) — Classification: 1 100 MPa/650 °C — Technical specification	19/02/2018
3740	MECH	P3	Aerospace series — Bolts, shouldered, thin hexagonal head, close tolerance shank, short thread, in titanium alloy, MoS2 lubricated — Classification : 1 100 MPa (at ambient temperature)/ 315 °C	19/02/2018
3475-512	ELEC	P2	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 512: Flexure endurance	27/02/2018
4476	N MAT	P3	Aerospace series - Paints and varnishes -- Polyurethane -- Cold curing intermediate coat	4/03/2018
4681-001	ELEC	P3	Aerospace series - Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium - Part 001: Technical Specification	4/03/2018
4864	N MAT	P1	Aerospace series — Environmental testing — High dynamic abrasion, mar, scratch and punch test in cabin interior	4/03/2018
4705	ELEC	P1	Aerospace series - Measurement Methods Regarding the Lifetime Behaviour of Light Units in a Standardized Aircraft-related Environment	5/03/2018
9130	QUAL	P2	Aerospace series — Qualitiy systems — Record retention	7/03/2018
4604-003	ELEC	P3	Aerospace series - Cable, electrical, for signal transmission - Part 003 : Coaxial cable 50 Ohm, 200 °C, type WZ - Product standard	13/03/2018

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4604-006	ELEC	P3	Aerospace series - Cable, electrical, for signal transmission - Part 006: Cable, coaxial, 50 Ohms, 200 °C, type WM - Product standard	13/03/2018
4604-007	ELEC	P5	"Aerospace series - Cable, electrical, for signal transmission - Part 007: Cable, coaxial, 50 Ohms, 200 °C, type WN	13/03/2018
4866	N MAT	P1	Aerospace series — Definitions of imperfections and defects in organic matrix composite materials	13/03/2018
4687	N MAT	P2	Aerospace series - Paints and varnishes - Chromate free non corrosion inhibiting two components cold curing primer for military application	14/03/2018
4688	N MAT	P2	Aerospace series - Paints and varnishes - Corrosion inhibiting two components cold curing primer for military application	14/03/2018
4689	N MAT	P2	Aerospace series - Paints and varnishes - Two components cold curing polyurethane finish - High flexibility and chemical agent resistance for military application	14/03/2018

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