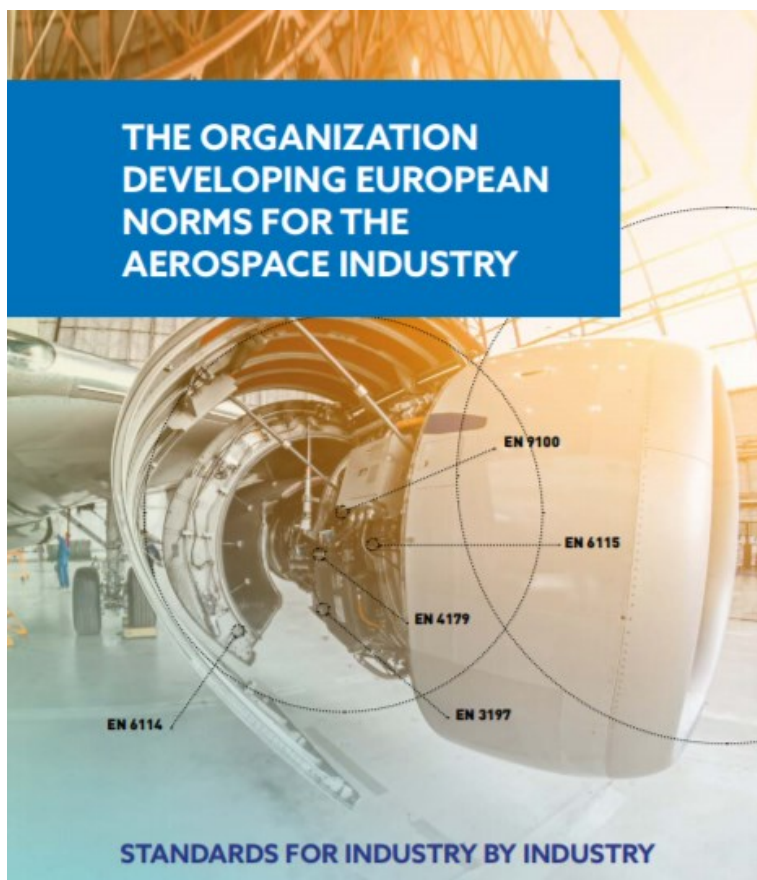




NEWSLETTER and Publication Notice **- July and August 2019 -**



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INSIDE THIS ISSUE

- General information and news (page 2)
- ASD-STAN publications (pages 3 and 5)
- ASD-STAN statistics, tables with ballots (pages 5-14)



GENERAL INFORMATION

Dear readers,

ASD-STAN has published **3 prEN standards** in July and August 2019, the details will follow on the next pages. Additionally, **23** EN standards originating from ASD-STAN have been published by CEN.

We would like to inform you about the start of call for DTC (Domain Technical Coordinator) for Domain D12 “Cabin”. You are kindly invited to submit your candidacy and send it to the D12 secretariat (anja.lange@asd-europe.org) at your earliest convenience, but no later than **2019-10-25**.

A resume and a letter of intent would be greatly appreciated along with the candidate's name, organization and contact information. The tasks of a DTC are described in the [SPM, chapter 5.5](#).

Additionally, we are happy to inform that FEDERAL MOGUL, a leading global supplier to original equipment manufacturers has joined ASD-STAN as a new associate member. We take this opportunity to welcome FEDERAL MOGUL and wish us a fruitful cooperation in developing aerospace standards.

Thank you and enjoy the read,

ASD-STAN Team

ASD-STAN PUBLICATIONS JULY & AUGUST 2019



In July and August 2019, ASD-STAN has published 3 new ASD-STAN prENs :

[ASD-STAN prEN 4864 P1](#)

[ASD-STAN prEN 4496 P2](#)

[ASD-STAN prEN 3475-512 P2](#)

❖ By clicking the links you will be redirected to the web-page of the particular standard ❖

STATISTICS FOR THE LAST 3 YEARS

Statistics 2019



67 New Work Proposals (stage 00.00)

54 New Work Proposal Ballots (stage 10.00)

29 Published prENs (stage 40.00)

96 Documents Sent for Formal Vote (stage 50.00)

104 Ratified EN (stage 60.60)

Statistics 2018



95 New Work Proposals (stage 00.00)

104 New Work Proposal Ballots (stage 10.00)

107 Published prENs (stage 40.00)

148 Documents Sent for Formal Vote (stage 50.00)

125 Ratified EN (stage 60.60)

Statistics 2017



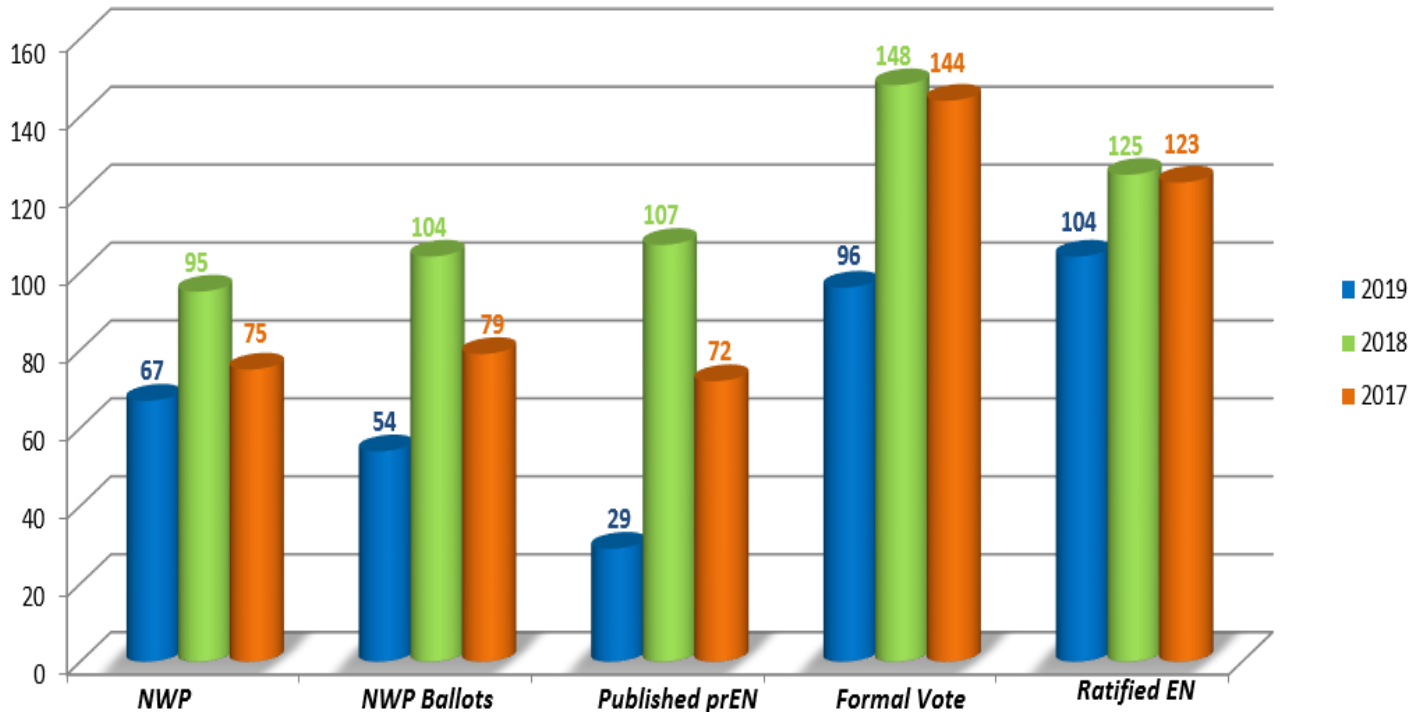
75 New Work Proposals (stage 00.00)

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 60.60)



ASD-STAN PRENS PUBLICATIONS

Now available at the ASD-STAN Web-shop

 [\(http://www.asd-stan.org/online-document-store/\)](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	Edition	Title	Pages	Date
prEN	ELEC	3475-512	P2	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 512: Flexure endurance	6	01/08/2019
prEN	MAT	4864	P1	Aerospace series — Environmental testing — High dynamic abrasion, mar, scratch and punch test in cabin interior	11	01/08/2019
prEN	MECH	4496	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	11	01/08/2019

3 new ASD-STAN prENs

EN PUBLICATIONS OF JULY & AUGUST 2019

NOTE:

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

Type	Domain	Number	Edition	Title	Pages	Date
EN	MECH	3299	2EN	Aerospace series — Shaft-nuts and threaded rings, self-locking, right- or left-hand MJ threads, in heat resisting steel FE-PA2601 (A286), silver plated — Technical specification	22	10/07/2019
EN	ELEC	3155-009	3EN	Aerospace series — Electrical contacts used in elements of connection — Part 009: Contacts, electrical, female, type A, crimp, class S — Product standard	20	21/08/2019
EN	ELEC	3155-026	3EN	Aerospace series — Electrical contacts used in elements of connection — Part 026: Contacts, electrical, male, type A, crimp, class R — Product standard	13	21/08/2019
EN	ELEC	3155-027	3EN	Aerospace series — Electrical contacts used in elements of connection — Part 027: Contacts, electrical, female, type A, crimp, class R — Product standard	15	21/08/2019
EN	ELEC	3371	1EN	Aerospace series — Electrical bonding — Technical specification	17	21/08/2019
EN	ELEC	3645-001	4EN	Aerospace series — Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous — Part 001: Technical specification	104	21/08/2019
EN	ELEC	4612-002	2EN	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly — XLETFE Family — Jacketed or screened and jacketed — Part 002: General	9	21/08/2019
EN	ELEC	4612-004	2EN	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	11	21/08/2019
EN	ELEC	4612-006	2EN	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	12	21/08/2019

- EN PUBLICATIONS -

(CONTINUATION)

Type	Domain	Number	Edition	Title	Pages	Date
EN	ELEC	4612-010	2EN	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	12	21/08/2019
EN	DIG	4660-003	2EN	Aerospace series — Modular and Open Avionics Architectures — Part 003: Communications/Network	15	21/08/2019
EN	DIG	4660-004	2EN	Aerospace series — Modular and Open Avionics Architectures — Part 004: Packaging	36	21/08/2019
EN	DIG	4660-005	2EN	Aerospace series — Modular and Open Avionics Architectures — Part 005: Software	321	21/08/2019
EN	ELEC	3155-065	4EN	Aerospace series — Electrical contacts used in elements of connection — Part 065: Contacts, electrical, male, type A, crimp, class S, size 8 — Product standard	13	28/08/2019
EN	ELEC	3155-080	2EN	Aerospace series — Electrical contacts used in elements of connection — Part 080: Contacts size 22 for EN 2997, electrical, male, type A, crimp, class T — Product standard	11	28/08/2019
EN	MAT	3837	1EN	Aerospace series — Paints and varnishes — Nature and method for surface preparation of test pieces in aluminium alloys	10	28/08/2019
EN	MAT	3844-1	2EN	Aerospace series — Flammability of non-metallic materials — Part 1: Small burner test, vertical — Determination of the vertical flame propagation	18	28/08/2019
EN	MAT	3844-2	2EN	Aerospace series — Flammability of non-metallic materials — Part 2: Small burner test, horizontal — Determination of the horizontal flame propagation	16	28/08/2019
EN	MAT	3844-3	2EN	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	15	28/08/2019
EN	ELEC	4612-003	2EN	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	8	28/08/2019

- EN PUBLICATIONS -

(CONTINUATION)

Type	Domain	Number	Edition	Title	Pages	Date
EN	ELEC	4612-008	2EN	Aerospace series — Cables, electrical, for general purpose, single and multicore assembly — XLETFE Family — Jacketed or screened and jacketed — 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	12	28/08/2019
EN	ELEC	4612-009	2EN	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	8	28/08/2019
EN	ELEC	4612-011	2EN	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	8	28/08/2019

23 new ASD-STAN originating EN standards published by the CEN

BALLOTS REMINDER

- NWP: NEW WORK PROPOSAL BALLOT -

Number	Domain	Edition	Title	Due Date
8.3610	MECH	P1	Aerospace series — External Mortorq on basis of ABS1830	08/07/2019
4138	MECH	P3	Aerospace series — Screws, pan head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated — Classification: 1 100 MPa (at ambient temperature) / 235 °C	11/07/2019
4075	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated - Classification: 490 MPa (at ambient temperature) / 425 °C	03/09/2019
4162	MECH	P3	Aerospace series — Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated — Classification: 1 100 Mpa (at ambient temperature) / 235 °C	03/09/2019
4163	MECH	P3	Aerospace series — Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated — Classification: 1 100 MPa (at ambient temperature) / 235 °C	03/09/2019
4499	MECH	P2	Aerospace series — Screws, 100° countersunk reduced 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	03/09/2019
4509	MECH	P2	Aerospace series — Screws, 100° countersunk normal head, offset cruciform recess, threaded to head, in titanium alloy, anodized, with aluminium pigmented coating, metric series — Classification: 1 100 MPa (at ambient temperature) / 315 °C	03/09/2019
8.2151	ELEC	P1	Aerospace series — Connectors, electrical, rectangular, miniature, modular — Operating temperature 125 °C continuous —Technical specification, Performance, and product Standard	13/09/2019
2665-001	ELEC	P3	Aerospace series — Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A — Part 001: Technical specification	13/09/2019

- NWP: NEW WORK PROPOSAL BALLOT - (CONTINUATION)

Number	Domain	Edition	Title	Due Date
2794-001	ELEC	P3	Aerospace series — Circuit breakers, single-pole, temperature compensated, rated current 20 A to 50 A — Part 001: Technical specification	13/09/2019
2995-001	ELEC	P4	Aerospace series — Circuit breakers, single-pole, temperature compensated, rated current 1 A to 25 A — Part 001: Technical specification	13/09/2019
2996-001	ELEC	P4	Aerospace series — Circuit breakers, three-pole, temperature compensated, rated current 1 A to 25 A — Part 001: Technical specification	13/09/2019
3661-001	ELEC	P4	Aerospace series — Circuit breakers, single-pole, temperature compensated, rated current 20 A to 50 A — Part 001: Technical specification	13/09/2019
3662-001	ELEC	P4	Aerospace series — Circuit breakers, three-pole, temperature compensated, rated current 20 A to 50 A — Part 001: Technical specification	13/09/2019
3773-001	ELEC	P3	Aerospace series — Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A — Part 001: Technical specification	13/09/2019
3774-001	ELEC	P3	Aerospace series — Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A — Part 001: Technical specification	13/09/2019
2302	MAT	P1	Aerospace series — Heat resisting nickel base alloy Ni-Cr20Co3Fe3 — Rm ≥ 650 MPa — Sheets and strips, cold rolled — 0,25 mm < a ≤ 3 mm	20/09/2019

BALLOTS REMINDER

- NDB: NATIONAL DOMAIN BALLOT -

Number	Domain	Edition	Title	Due Date
4864	MAT	P1	Aerospace series — Environmental testing — High dynamic abrasion, mar, scratch and punch test in cabin interior	01/07/2019
4627	MAT	P3	Aerospace series — Steel X4CrNiMo16-5-1 (1.4418) — Air melted — Hardened and tempered — Forgings — $D_e \leq 200$ mm — $1\ 150$ MPa $\leq R_m \leq 1\ 300$ MPa	12/07/2019
4628	MAT	P3	Aerospace series — Steel X4CrNiMo16-5-1 (1.4418) — Air melted — Hardened and tempered — Bar — $D_e \leq 200$ mm — $1\ 150$ MPa $\leq R_m \leq 1\ 300$ MPa	12/07/2019
4630	MAT	P3	Aerospace series — Steel X4CrNiMo16-5-1 (1.4418) — Air melted — Hardened and tempered — Forgings — $D_e \leq 200$ mm — 900 MPa $\leq R_m \leq 1\ 050$ MPa	12/07/2019
4631	MAT	P3	Aerospace series — Steel X4CrNiMo16-5-1 (1.4418) — Air melted — Hardened and tempered — Bar — $D_e \leq 200$ mm — 900 MPa $\leq R_m \leq 1\ 050$ MPa	12/07/2019
4882	MAT	P1	Aerospace series — Steel X5CrNiCu 17-4 (1.4542) — Air melted — Solution treated and precipitation treated — Sheets and strips — $a \leq 6$ mm — $R_m \geq 1070$ MPa	12/07/2019
4883	MAT	P1	Aerospace series — Steel X5CrNiCu 17-4 (1.4542) — Air melted — Solution treated and precipitation treated — Plates — $6 \leq a \leq 100$ mm — $R_m \geq 1\ 070$ MPa	12/07/2019
4884	MAT	P1	Aerospace series — Steel X3CrNiMoAl 13-8-2 — Vacuum induction melted and consumable electrode remelted — Solution treated and precipitation treated — Bars — a or $D \leq 200$ mm — $1\ 200$ MPa $\leq R_m \leq 1\ 350$ MPa	17/07/2019
4825	MAT	P1	Aerospace series — Steel X12CrNiMoV12-3 (1.4938) — Air melted and consumable electrode remelted — Hardened and tempered — Bar — $D_e \leq 150$ mm — 900 MPa $\leq R_m \leq 1\ 100$ MPa	23/07/2019
3637	MECH	P2	Aerospace series — Nuts, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy — NI-P101HT (Waspaloy), silver plated, Classification: $1\ 210$ MPa/730 °C	09/08/2019

- NDB: NATIONAL DOMAIN BALLOT - (CONTINUATION)

Number	Domain	Edition	Title	Due Date
9208	GEN	P1	Aerospace series — Programme management — Expression of need — Guidance on and format for (Need) Technical Specification	15/08/2019
4165-002	ELEC	P3	Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous- Part 002 : Specification of performance and contact arrangements	04/09/2019
4165-003	ELEC	P4	Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 003: Modules series 2 and series 3 - Product standard	04/09/2019
4165-004	ELEC	P2	Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 004 : Stackable mouting receptable 2 and 4 modules, series 2	04/09/2019
4165-014	ELEC	P2	Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 014: Shielded accessory body, 2 and 4 modules for connectors, series 2 and series 3 - Product standard	04/09/2019
4165-018	ELEC	P3	Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 018: Protective cover for all receptacles series 2 — Product standard	04/09/2019
6116	MECH	P1	Aerospace series — Fasteners — External short thread, Inch series — Technical specification	12/09/2019
6117	MECH	P2	Aerospace series — Specification for lubrication of fasteners with cetyl alcohol	12/09/2019
4035	MECH	P2	Aerospace series — Rod ends, adjustable with self-aligning double row ball bearing in corrosion resisting steel, reduced internal radial clearance and threaded shank in titanium alloy — Dimensions and loads	12/09/2019

- NDB: NATIONAL DOMAIN BALLOT -
(CONTINUATION)

Number	Domain	Edition	Title	Due Date
4036	MECH	P2	Aerospace series — Rod ends, adjustable, with self-aligning double row ball bearing and threaded shank, in corrosion resisting steel, reduced internal radial clearance — Dimensions and loads	12/09/2019
3672	MECH	P3	Aerospace series — Shank Nuts, self locking , in heat resisting nickel base alloy NI-P101HT (waspaloy), silver plated — Classification: 1 210 MPa / 730°C	12/09/2019
2939	MECH	P2	Aerospace series — Screws, 100 °countersunk head, offset cruciform recess, threaded to head, in heat resisting steel FE-PA92HT (A286) — Classification: 900 MPa (at ambient temperature) / 650 °C	13/09/2019
2897	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, close tolerance normal shank, short thread, in alloy steel, cadmium plated — Classification: 1 100 MPa (at ambient temperature) / 235 °C	13/09/2019
2884	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, course tolerance, normal shank, short thread, in titanium alloy anodized, MoS ₂ lubricated — Classification : 1 100 MPa (at ambient temperature) / 315° C	13/09/2019
4157	MECH	P2	Aerospace series — Rod end, with self-aligning double row ball bearing and threaded shank in steel — Dimensions and loads, Inch series	16/09/2019
4844	MECH	P1	Aerospace series — Screw, 100° countersunk normal head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated — Classification: 1 100 MPa (at ambient temperature)/425 °C	16/09/2019
4845	MECH	P1	Aerospace series — Screw, 100° countersunk normal head, Spiral Drive Recess, short thread, in heat resisting steel FE-PA2601 (A286), passivated — Classification: 900 MPa (at ambient temperature)/650 °C	16/09/2019

- NDB: NATIONAL DOMAIN BALLOT - (CONTINUATION)

Number	Domain	Edition	Title	Due Date
4846	MECH	P1	Aerospace series — Screw, pan head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated — Classification: 1 100 MPa (at ambient temperature)/425 °C	16/09/2019
4847	MECH	P1	Aerospace series — Screws, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated — Classification: 1 100 MPa (at ambient temperature)/235 °C	16/09/2019
4848	MECH	P1	Aerospace series — Screw, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS ₂ lubricated — Classification: 1 100 MPa (at ambient temperature)/315 °C	16/09/2019
4849	MECH	P1	Aerospace series — Screw, 100° countersunk normal head, Spiral Drive Recess, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated — Classification: 1 100 MPa (at ambient temperature)/425 °C	16/09/2019
4850	MECH	P1	Aerospace series — Screw, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated — Classification: 1 100 MPa (at ambient temperature)/235 °C	16/09/2019
4851	MECH	P1	Aerospace series — Screw, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated — Classification: 1 100 MPa (at ambient temperature)/235 °C	16/09/2019
4853	MECH	P1	Aerospace series — Bolt, 100° countersunk normal head, Spiral Drive Recess — Classification: 1 100 MPa (at ambient temperature)/425 °C	16/09/2019
4179	MAT	P6	Aerospace series — Qualification and approval of personnel for non-destructive testing	18/09/2019
4876	MAT	P1	Aerospace series — Environmental testing — Hand abrasion and fingerprint test on cabin touchscreen and pencil abrasion on signing touch pads	14/10/2019
4703	CAB	P1	Aerospace series — Test specification for verification of the permeability of electrical insulation under variable pressure conditions	13/11/2019