**About us**

**ASD-STAN** is an industrial non-profit association (AISBL) that develops and maintains European standards for the European aerospace & defence industry.

As an **associated body to CEN** (European Committee for Standardization) we are the main provider of European aerospace Norms (EN).

To enhance the competitiveness of European companies, we established a protocol with CEN to **shorten the process** of European standardization. **ASD-STAN** publishes projected-EN standards (prEN) which are **technically identical to the final European Norm (EN)**.

Our values of **openness, transparency, consensus and balance** are at the core of our Working Groups. Bringing experts from all across Europe and the industry together, we guarantee the safety of our standards by having Original Equipment Manufacturers (OEMs) and Type Certificate (TC) holders chair our Working Groups.
*What we do*

- Develop standards related to the design, production and maintenance of aircraft systems, equipment and standard parts
- Manage standardization projects in 10 Domains and 45 Working Groups
- Work in close cooperation with National Standardization Bodies (BNAE, DIN, BSI)
- Contribute to the promotion of European standards at international level
- Cooperate with EDA EDSTAR JMC on the application of civil standards for military purposes
- Act as the European body for the development of global quality aerospace standards by the International Aerospace Quality Group (IAQG)
- Provide trainings (ASD-STD 100 “Simplified Technical English”, REACH, Training on 9100)
Our members include national industrial associations, national standardization bodies, major aerospace companies and public institutions:

- GIFAS – French association
- DIN – German NSB
- ADS – UK association
- TEDAE – Spanish association
- AIAD – Italian association
- SOFF – Swedish association
- ASD
- AIRBUS
- EASA

More information about the involvement in the Aerospace Standardization and its benefits can be found on our web-page “Why and how to be involved?” and on our corporate leaflet.
Cooperation with CEN

- 1986 AECMA-STAN recognized by CEN as an “Associated Body” and “Sole Provider of European Aerospace Standards”
- ASD-STAN is the CEN Technical Committee (TC) for “Aerospace”
- About 2527 currently published European Standards originate from ASD-STAN (16% of the total CEN/CENELEC publications of ENs)
- Currently 560 published prEN by ASD-STAN are currently in progress towards becoming ENs.
- More than 100 direct experts organized in 39 ASD-STAN WGs and 10 Domains
- 69 Technical Reports published by ASD-STAN
- Yearly production (2018): ca. 107 ASD-STAN prENs and 125 ENs (2019): ca. 42 ASD-STAN prENs and 170 ENs
Our Main Projects:

- EN 4179 — Qualification and approval of personnel for non-destructive testing
- EN 9100 series deriving from the International Aerospace Quality Group (IAQG)
- EN 6114 and 6115 — Bolts and Inch series
- EN 4709 series — UAS product requirements, CE marking and operating rules for the Open category (harmonized standards)
- DOA — Design Organization Approval standards
- LOTAR series — Long Term Archiving and Retrieval of digital technical product data
- 9300 series
- REACH compatible standards—new 7000 series
Current & Future Strategic projects

- Cybersecurity
- REACH compatible Standards
- Unmanned Aircraft Systems (EC standardization request, EASA specification on open category UAS)
- Additive Manufacturing
- Digitalization of standards (e.g. Blockchain for Aviation)
10 domains of activity

1. Program Management & System Engineering
2. Electrical
3. Mechanical
4. Material
5. Autonomous Flying
6. Quality and Safety Management
7. Digital Projects
8. Aeroengines & technologies
9. Environment
10. Cabin
ASD-STAN prEN process

Development & publication time 8 to 17 months

New Work Proposal → NWP Assessment → NWP Ballot → Consensus Draft → Editing 1 → CEN Enquiry → Results of Ballots → Editing 2 → Approval for publication

1 month

3 months

Disposition of comments + incorporate in final text

ASD-STAN prEN standard
ASD-STAN transforming process

ASD-STAN prEN Standard → Transforming 1 → CCMC prep. → Formal Vote → Transforming 2/3 → CCMC prep. → EN published

Development & publication time at least 14 months

No technical change is accepted during the prEN transformation into EN
# Liaison Representation in ISO

<table>
<thead>
<tr>
<th>ISO/TC 20</th>
<th>Aircraft and space vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO/TC 20/SC 1</td>
<td>Aerospace electrical requirements</td>
</tr>
<tr>
<td>ISO/TC 20/SC 4</td>
<td>Aerospace fastener systems</td>
</tr>
<tr>
<td>ISO/TC 20/SC 14</td>
<td>Space systems and operations</td>
</tr>
<tr>
<td>ISO/TC 20/SC 16</td>
<td>Unmanned aircraft systems</td>
</tr>
<tr>
<td>ISO/TC 79</td>
<td>Light metals and their alloys</td>
</tr>
<tr>
<td>ISO/TC 155</td>
<td>Nickel and nickel alloys</td>
</tr>
<tr>
<td>ISO/TC 184/SC 1</td>
<td>Automation systems and integration</td>
</tr>
<tr>
<td>ISO/TC 184/SC 4</td>
<td>Industrial data</td>
</tr>
<tr>
<td>ISO/TC 184/SC 5</td>
<td>Interoperability, integration, and architectures for enterprise systems and automation applications</td>
</tr>
</tbody>
</table>

Vienna Agreement between ISO and CEN allows common development of ISO EN publications by ASD-STAN involvement.
Offices

Registered office:

Pari Aliyeva, Director
parialiyeva@asd-europe.org
Rue Montoyer 10/5
1000 Brussels
Belgium

Paul-Alexander Cramers, Executive Manager
paul-alexander.cramers@asd-europe.org
Rue de la Science 14b
1040 Brussels
Belgium

Remote office:

Anja Lange, Executive Manager
anja.lange@asd-europe.org
Burggrafenstraße 6
10781 Berlin
Germany

part of DIN NL offices
Thank you for your attention!