

# **ASD-CERT**

## **The European Production Qualification Association**



**Nicolas Devilliers**  
Secretary General





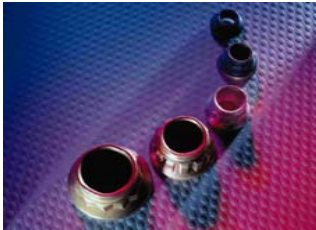
AeroSpace and Defence Industries Association of Europe

ASD Members  
20 Countries – 32 Associations

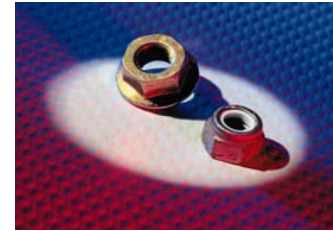


Membership in progress:

- Bulgaria, BDIA
- Romania, OPIAR, PATROMIL



### ASD-CERT



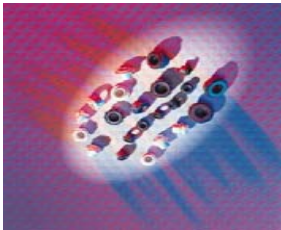
**qualifies the production of standard products**

in accordance with the requirements of

**EN 9133** "Qualification procedure for Aerospace Standard Parts" (formerly EN 3042) and

based upon previous **EN 9100** "Approval of Quality Management Systems" (formerly EN 2000)

qualification as proven by 2<sup>nd</sup> or 3<sup>rd</sup> party registration



### ASD-CERT ...

...is an international association constituted according to Belgian law

...is a non-profit association

...is part of the European certification system implemented by CEN\*

...is an affiliated Association to ASD for certification of standard products

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92138 Issy-les-Moulineaux  
France

 +33 – 1 47 65 70 18  
 +33 – 1 47 65 70 20  
e- [nicolas.devilliers@asd-europe.org](mailto:nicolas.devilliers@asd-europe.org)

\* CEN = Comité Européen de Normalisation, European Committee for Standardization



## General Assembly

### HAIG (GR)

Nicolaos Rigas (HAI)

### ATECMA (SP)

Jacinto Llorente (EADS-CASA)

### ALV CR (CZ)

Zbynek Zavadil (ATG)

### AIAD (IT)

Carmine Scafa (Alenia)

### NAI (NL)

not nominated

### SAI (SE)

not nominated

### FAD (DK)

not nominated

## Executive Board

### voting

#### Chairman

Philippe Canteau (SNECMA)

#### BDLI (GE)

Hans-R. Ziemer (EADS)  
1<sup>st</sup> Vice-Chairman

#### SBAC (UK)

John Cooper (Rolls-Royce)  
2<sup>nd</sup> Vice Chairman

#### GEBECOMA (BE)

Jean-M. Sonkes (SABCA)  
Treasurer

#### GIFAS (FR)

Eric Herbay (Airbus)  
Quality Manager

### non-voting

#### Secretary General

Nicolas Devilliers (BNAE)

#### ASD

Oscar Sanchez

#### ASD-STAN

Günter Lessmann

#### EAQG, ASD-EASE

Alain Bonnard

#### ASD Airworthiness

to be nominated

## Observers

### CEN

Liau Hoang (CEN)

### ASD Industries

Dr. U. Schumann-Hindenberg  
(Airbus)

### Mandated Bodies

holders of design and  
production approval  
(civil / military / space)  
acting by ASD-CERT  
mandate

\* SNECMA is French company  
member additionally to GIFAS,  
French national trade association

The **ASD-CERT** process is based on a **shared 2<sup>nd</sup> party scheme\***:

- **ASD-CERT Members** recognize each other's production qualifications
- **ASD-CERT Secretariat** manages the process
- **ASD-CERT Mandated Bodies** audit “eye witnessing” and report
- **ASD-CERT Executive Board** grants qualification
- **ASD-CERT Secretary General**
  - Issues **PQ Production Qualification Certificate**
  - Updates TR 3040-2, **QPL Qualified Product List**
    - posted on internet <http://www.asd-cert.org>

**1 Manufacturer:**  
fill application for qualification  
ACP003 from [www.asd-cert.org](http://www.asd-cert.org)

**2 ASD-CERT Secretary General**  
identify and task Mandated Body

**3 ASD-CERT Mandated Body**  
audit compliance of production  
with requirements of standard  
confirm by reporting, ACP005

**4 ASD-CERT Secretary General**  
formal review all documents, send  
to ASD-CERT Executive Board

**5 ASD-CERT Executive Board**  
technical review of reporting  
confirm by signing ACP005

**6 ASD-CERT Secretary General**  
draft PQ certificate & invoice

**7 Manufacturer**  
Review certificate and pay invoice

**8 ASD-CERT Secretary General**  
final PQ certificate & update QPL

EN9100 QMS Quality Management System qualification is pre-requisite for subsequent Production Qualification

- apply for qualification [www.asd-ease.org](http://www.asd-ease.org) for intended deliveries to European ASD-EASE community or [www.sae.org/oasis](http://www.sae.org/oasis) apply at regional accredited CRB Certification Registration Body (IAQG process) Proceed with production qualification after EN9100 qualification received (EASIS/OASIS registration) or when EN9100 qualification sufficiently in progress

prEN or EN (Belgian EN issue) Standards can be purchased from ASD-STAN: [www.asd-stan.org](http://www.asd-stan.org) or EN standards from national standardization organization, e.g. BNAE, BSI, AENOR, DIN, etc.

- Review standard if EN9133 (or EN2000) qualification required

All required information, contact, forms, etc. can be found on ASD-CERT website

- [www.asd-cert.org](http://www.asd-cert.org)

Ideally the Mandated Body is customer of the product if he is part of the ASD-CERT member community

- Manufacturer should indicate potential customers on qualification application form ACP003

All costs involved with the activities of the Mandated Body are directly negotiated between the Manufacturer and the Mandated Body without any involvement of the ASD-CERT secretariat

- Manufacturer to pay Mandated Body

QTR Qualification Test Report is accepted in the national languages English, German or French

- Summary report in English language is mandatory if QTR is in any other language

“Sealed Manufacturing Route” is description of production process at time of qualification

- “sealed” by Mandated Body by ASD-CERT stamp and signature
- Can remain at manufacturer facility if “confidential” but must be referenced on ACP005
- All parts produced in accordance with sealed manufacturing route are assumed “qualified” as per validity of certificate
- Any change to Sealed Manufacturing Route need ASD-CERT approval (request by ACP008)

ASD-CERT Secretary General needs 3 signatures from members of ASD-CERT Executive Board releasing the issue of the PQ Production Qualification certificate

- ASD-CERT members consider confidentiality of all information

Efforts at ASD-CERT central secretariat are charged fixed price 1000,00 €uro for new qualification certification and 500,00 €uro for certification renewal

- Manufacturer must pay invoice before final certificate is issued
- ASD-CERT invoices include VAT (provide “service” – not product), no exemption for EU, manufacturers pay VT and seek reimbursement nationally

PQ Certificates are valid for three years from date of reporting, renewable by the manufacturer providing to ASD-CERT proof of continuous production and delivery without quality complaints from customers, plus Mandated Body approval (ACP006) of no change to the originally Sealed Manufacturing Route

- Manufacturer to apply for PQ renewal early before expiration of certificate

All qualification documents are kept confidential at ASD-CERT Secretariat. Documents (QTR) are made available to Customers with approval of the Manufacturer only

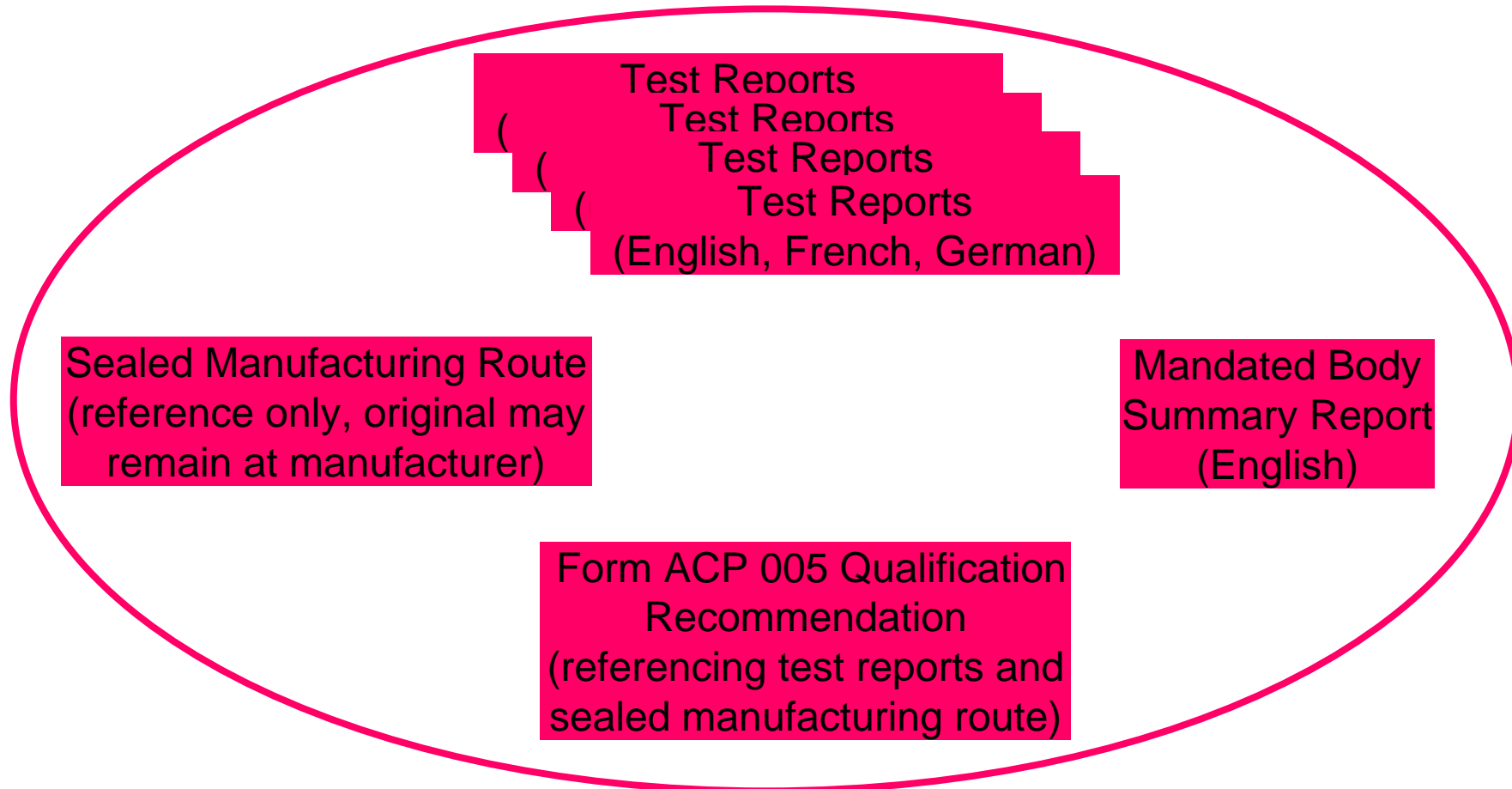
- QTR not released to Customers without Manufacturer approval

PQ Production Qualification certificates can be withdrawn by ASD-CERT if quality problems are reported without corrective action known to be initiated by the Manufacturer

- Manufacturer to inform ASD-CERT on quality problems and corrective actions

Products must be production qualified if the prEN or EN Standard requires EN9133 qualification

- Only qualified products shall be marked “EN”



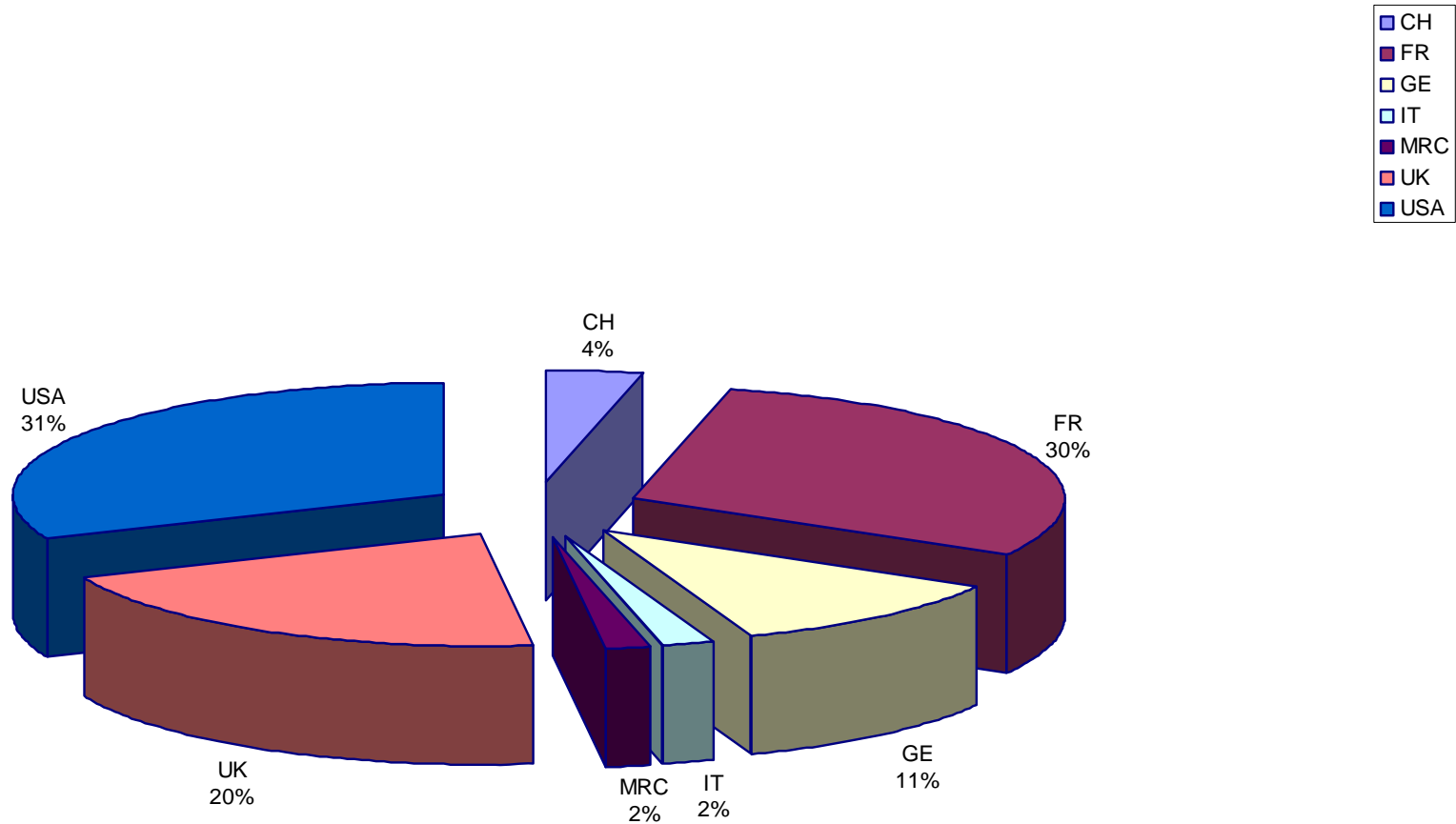
➔ **formal review by  
ASD-CERT Secretariat**

➔ **technical review by  
ASD-CERT Executive Board**

- Efforts at ASD-CERT central secretariat are fixed price to € 1000,00 for new qualification certification and € 500,00 for certification renewal without new audit/reporting.
- A charge of 500 € will be levied as registration fee to a new manufacturer, not already registered in the ASD-CERT database.
- The final production qualification certificate is only issued after invoice payment
- Refund of costs involved with the efforts of the mandated body for the audit at the manufacturer's facilities (personnel, travel, hotel, food, etc.) is to be agreed individually between the qualification applicant and the mandated body and to be paid directly from the manufacturer to the Mandated Body

Company	City	Country
SCHAUBLIN	DELEMONT	CH
TRI-STAR ELECTRONICS EUROPE	BIOGGIO	CH
SOURIAU	CHAMPAGNE	FR
CAILLAU	ROMORANTN	FR
LISI / BLANC AERO INDUSTRIES	VILLEFRANCHE DE ROUERGUE	FR
CONESYS	COLOMIERS	FR
ALCOA FIXATIONS SIMMONDS	SAINT COSME EN VAIRAIS	FR
NEXANS FILOTEX	DRAVEIL	FR
DRAKA FILECA	SAINTE GENEVIEVE	FR
SARMA AEROSPACE EQUIPMENT	SAINT VALLIER	FR
FACOM	BRIE COMTE ROBERT	FR
CONNECTEURS ELECTRIQUES DEUTSCH	EVREUX	FR
SENIOR AEROSPACE ERMETO	FOSSE	FR
AXON CABLE	MONTMIRAIL	FR
AMPHENOL AIR LB	BLAGNY	FR
BOLHOFF OTALU	LA RAVOIRE	FR
FEDERAL MOGUL SYSTEMS	CREPY EN VALOY	FR
FEDERAL MOGUL SYSTEMS	COMPIEGNE	FR
HIRELCO	GARGENVILLE	FR
SHAMBAN IMPERVIA	CONDE SUR NOIREAU	FR
RIBE	SCHWABACH	GE
W.L GORE & ASSOCIATES	PLEINFELD	GE
SACS	ROTTWEIL	GE
RWG FRANKENJURA INDUSTRIES FLUGWERKLAGER	DACHSBACH	GE
GLENAIR ELECTRIC GmbH	STEINBACH	GE
GEMI	MARSBERG	GE
PAOLO ASTORI	GATTICO	IT
SOURIAU	TANGER	MRC
ARMSTRONG PRECISION COMPONENTS	HULL	UK
SPS TECHNOLOGIES	LEICESTER	UK
LINREAD NORTHBRIDGE	LEICESTER	UK
CABLETEC ICS LDT	WESTON SUPER MARE	UK
LINREAD NORTHBRIDGE	WORCESTERSHIRE	UK
AMPEP PLC	CLEVEDON	UK
AMPHENOL PYLE	NOTTINGHAM	UK
SOURIAU	PETERSFIELD	UK
AMPEP PLC	SOMERSET	UK
POLAMCO LTD	BATH	UK
POLAMCO LTD	MAIDSTONE	UK
SEALTRON INC	CINCINNATI, OH	USA
CONESYS	SANTA ANNA, CA	USA
TRI-STAR ELECTRONICS INTERNATIONAL	EL SEGUNDO, CA	USA
BRISTOL INDUSTRIES	BREA, CA	USA
GREENE TWEED & CO	KULPSVILLE, PA	USA
TENSOLITE	SAINT AUGUSTINE, FL	USA
AMPHENOL	NOGALES, AZ	USA
ALCOA	TORRANCE, CA	USA
SPS TECHNOLOGIES	SANTA ANNA, CA	USA
HIREL CONNECTORS INC	CLAREMONT, CA	USA
TYCO ELECTRONICS	MENLO, CA	USA
AEROFIT PRODUCTS	BUENA PARK, CA	USA
SOURIAU	ARLINGTON, TX	USA
SOURIAU	WELLINGTON, FL	USA
SOURIAU	BREA, CA	USA
AMPHENOL AEROSPACE	SYDNEY, NY	USA
FEDERAL MOGUL SYSTEMS	EXTON, PA	USA

Use of ASD-CERT services (March 2009 : Total 56)



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#### ASD-CERT News

##### Latest

##### New Pricing Policy and re-qualification process

In July 2008, ASD-CERT reviewed its pricing policy and re-qualification process. You can find all information in Download page.



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### About us

ASD-CERT is an association founded by and affiliated with ASD in 1990 with the purpose to qualify standard aerospace products in accordance with the requirements of EN 9133 "Quality Management Systems - Qualification Procedure for Aerospace Standard Part" (formerly EN 3042).

In order to achieve this purpose ASD-CERT qualifies the standard aerospace products and approves the quality system of their manufacturers so as to establish conformity with the applicable standards, particularly but not limited to EN standards and surveys that the requirements underlying the qualification are observed.

The Association is a "second party" non-profit organization and has no commercial interest.

ASD-CERT publishes the lists of qualified aerospace products and their "approved" manufacturers:

#### - [TR 3040-1](#):

ASD Technical Report - Aerospace series - Quality Assurance EN aerospace products - Part 1: List of EN 9100 (formerly EN 2000) approved manufacturers.

**This TR is no more available as it was withdrawn on 31/01/2008.** ASD-CERT does not issue QA Quality Approval letters anymore nor renews existing ones. Updated EN 9100 certified manufacturers list can be found in the IAQG OASIS data base. <http://www.iaqq.org>. ASD-CERT continues to perform EN 9133 production qualification audits and to issue appropriate certificates as well as to audit and renew existing production qualification certificates.

#### - [TR 3040-2](#)

ASD Technical Report - Aerospace series - Quality Assurance EN aerospace products - Part 2: List of EN 9133 (formerly EN 3042) qualified products at manufacturers. **This TR is no more available as it was withdrawn on 31/01/2008.**

The only official list of qualified products is one you can find in this website within the section dedicated to Qualified Products.



➔ [How to get your qualification?](#)

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#### How to get your Qualification ?

To apply for qualification of standard aerospace products through ASD-CERT, please read the ASD-CERT [Quality Manual](#) and send a filled-in form [ACP 003 Form 01](#) to the following address:

ASD-CERT  
Avenue de Tervuren, 270  
B-1150 Brussels

The Secretary General  
199 Rue Jean-Jacques Rousseau  
F-92138 Issy-les-Moulineaux Cedex  
Tel: +33 1 47 65 70 18  
Fax: +33 1 47 65 70 20  
E-Mail: [nicolas.devilliers@asd-europe.org](mailto:nicolas.devilliers@asd-europe.org)




ASD-CERT

ACP003 - FORM01

ASD-CERT

ACP003 - FORM01

Please complete this form and send to: ASD-CERT - Secretary General - Gulledele 94 - b.5 - 1200 Brussels - Belgium	
<b>Application for Product Certification</b>	<b>Manufacturer's reference:</b>
<b>Manufacturer:</b>	
<b>Address:</b>	
<b>Contact person's name:</b>	
<b>function:</b>	<b>phone:</b>
<b>fax:</b>	<b>e-mail:</b>
<b>We apply for certification of the following standard aerospace products:</b>	
<b>EN Standards:</b>	<b>Other Standards:</b>
<b>Target Date for Qualification:</b>	
<b>Quality System Certificates/Approvals held:</b>	
<b>IAQG OASIS registration</b>	<b>ASD-EASE EASIS registration</b>
<input type="checkbox"/> No <input type="checkbox"/> Yes: validity _____	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes: Company: _____ Date _____ Report No _____
<b>Others (attach copy of certificates):</b>	
<b>European aerospace companies (interested in) purchasing the above products:</b>	
<i>We understand that we will be liable for all expenses incurred in completing the work, regardless of the outcome. Upon certification we will pay the registration fees.</i>	
<b>Name:</b>	<b>Function:</b>
<b>Signature:</b>	
<b>Date:</b>	
To be filled in by ASD-CERT:	Received by ASD-CERT Secretary General: Quality System Approval with reference to EN 9100 is required: <input type="checkbox"/> yes <input type="checkbox"/> no

Please complete this form and send to: ASD-CERT - Secretary General - Gulledele 94 - b.5 - 1200 Brussels - Belgium	
<b>Application for Product Certification</b>	<b>Manufacturer's reference:</b> <small>[from Manufacturer's document referencing system e.g.] Xy/z/2001-196</small>
<b>Manufacturer:</b> Nuts & Bolts S.A.	
<b>Address:</b> <small>[Applicant's location and if different location where the products will be manufactured]</small> 12345 Rue Sample 67890 Anywhere Village, Nowhere Country	
<b>Contact person's name:</b> Mrs. Sandy Anybody	
<b>function:</b> Head of Product Quality	<b>phone:</b> +32-2-775.8110
<b>fax:</b> +32-2-775.8111	<b>e-mail:</b> sandy.anybody@nutsbolts.com
<b>We apply for certification of the following standard aerospace products:</b>	
<b>EN Standards:</b> EN 2925, EN 2926, EN 3006, EN 3007, EN 3293, EN 3326, EN 3614	<b>Other Standards:</b>
<b>Target Date for Qualification:</b> 28 February 2001	
<b>Quality System Certificates/Approvals held:</b>	
<b>IAQG OASIS registration</b>	<b>ASD-EASE EASIS registration</b>
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: validity _____	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes: Company: EADS Hamburg..... Date 10-Jan-99 Report No EADS-0001/99
<b>Others (attach copy of certificates):</b> ISO 9001:1994 by Any Accredited Assessor, Boeing, Airbus, ....	
<b>European Aerospace Companies (interested in) purchasing the above products:</b> EADS Toulouse, EADS Ottobrunn, EADS Hamburg, Rolls-Royce Bristol, ITP Zamudio, Alenia Milano, ....	
<i>We understand that we will be liable for all expenses incurred in completing the work, regardless of the outcome. Upon certification we will pay the registration fees.</i>	
<b>Name:</b> Ms C. Chief	<b>Function:</b> Quality Director
<b>Signature:</b> 	
<b>Date:</b> 31-Aug-2001	
To be filled in by ASD-CERT:	Received by ASD-CERT Secretary General: Quality System Approval with reference to EN 9100 is required: <input type="checkbox"/> yes <input type="checkbox"/> no

Issue 008

Issue 008

The screenshot shows the ASD-CERT website interface. At the top left is the ASD-CERT logo and tagline. A navigation menu on the left includes 'Download' which is circled in red. The main content area is titled 'ASD-CERT - Download' and lists several application forms. Four callout boxes with arrows point to specific items in the list: ACP003 (Manufacturer Application for Qualification), ACP005 (Mandated Body Recommendation to approve and certificate Qualification), ACP006 (Manufacturer Application for renewal of Product Certification), and ACP008 (Manufacturer Application for Qualification of Manufacturing Change). An image of a jet engine is shown next to the ACP005 callout. A 'Members Area' link is visible in the top right corner.

**ASD-CERT** Members Area

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**ASD-CERT - Download**

- ▶ ASD-CERT Flyer
- ▶ ASD-CERT Presentation
- ▶ New ASD-CERT Pricing Policy
- ▶ ASD-CERT formats
  - ACP003 - Application for Production Certification (To be filled-in by the Manufacturer)
  - ACP005 - Product Qualification Testing - Summary and Recommendation (To be filled-in by the Mandated Body)
  - ACP006 - Application for renewal of Product Certification (To be filled-in by the Manufacturer)
  - ACP008 - Manufacturing Change Request (MCR) (To be filled-in by the Manufacturer)

**ACP003**  
**Manufacturer**  
Application for Qualification

**ACP005**  
**Mandated Body**  
Recommendation to approve and certificate Qualification

**ACP006**  
**Manufacturer**  
Application for renewal of Product Certification

**ACP008**  
**Manufacturer**  
Application for Qualification of Manufacturing Change





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### List of Qualified Products

- Select a Applicable EN Standard
- Select a manufacturer
- Product description  
( i.e. a part of the EN standards' title )
- PQ

enter selection criteria

[Members Area](#)

system can interpret from partial data entry

e.g. "2997" instead of EN2997

Diagram illustrating the search criteria input fields:

or or

Search

# QPL

## Qualified Product List

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#### List of Qualified Products

Select a Applicable EN Standard

Select a manufacturer

Product description  
( i.e. a part of the EN standards' title )

PQ

Search

#### Criteria:

Standard: Undefined  
 Manufacturer: All  
 Product Range :

**Search result**

[To download the result on Excel file, click here.](#)

Product Standard	Identification Code	Product Description	Manufacturer	PQ Certificate	PQ Expiration Date	PQ Issue	Remarks	Status
EN 2944	050	Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004	Armstrong Precision Components, Hull, UK	PQ 158	2012-03	2009-03-09		Certified
EN 3542	050	Inserts, screw thread, helical coil, self-locking, in heat resisting nickel base alloy NI-PH2801 (Inconel X750)	Armstrong Precision Components, Hull, UK	PQ 158	2012-03	2009-03-09		Certified

Product Standard	Identification Code	Product Description	Manufacturer	PQ Certificate	PQ Expiration	PQ Issue Date	Remarks	Validation
EN 2997	classes K, KE, S,	operating temperatur	henol, Nogales, AZ	PQ 104	2006-06	1st: 2003-09-12	not applicable	
EN 2997	classes K, KE, S,	temperatures 175°	henol, Nogales, AZ	PQ 104	2006-06	1st: 2003-09-12	not applicable	
Search result downloaded on Excel file								
EN 2997	7	175°C continuous,	actors Inc., Claremo	PQ 088	2006-01	1st: 2003-01-23	S, K, KE, S, SE & YE only	
EN 2997	8	resistant, operating	actors Inc., Claremo	PQ 088	2006-01	1st: 2003-01-23	S, K, KE, S, SE & YE only	
EN 2997-003	S0.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-003	S0.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-003	SE0.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-003	SE0.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-003	KE3.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-003	S0.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-003	SE0.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-003	RS0.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-003	S0.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-003	SE0.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-003	VS0.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-004	S7.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-004	S7.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-004	SE7.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-004	SE7.....	temperatures 175°C	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-004	S7.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-004	SE7.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-004	RS7.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-004	S7.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-004	SE7.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-004	VS7.....	temperatures 175°C	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-005	Y0.....	temperatures 175°C	cont.(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-005	YE0.....	temperatures 175°C	cont.(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-006	Y7.....	temperatures 175°C	cont.(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-006	YE7.....	temperatures 175°C	cont.(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-007	Y1.....	temperatures 175°C	continuous, (w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-007	YE1.....	temperatures 175°C	continuous, (w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	K6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	K6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	KE6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	KE6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	S6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	S6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	SE6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	SE6.....	operating temperatur	ENL Ltd., Nottingh	PQ 080	2005-01	1st: 2002-01-22	not applicable	
EN 2997-008	K6.....	operating temperatur	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-008	KE6.....	operating temperatur	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-008	S6.....	operating temperatur	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-008	SE6.....	operating temperatur	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-008	K6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	KE6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	R6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	RS6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	S6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	SE6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	W6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-008	VS6.....	operating temperatur	(w. FRAMATOME) C	PQ 003	2004-07	2001-07-12before 19	of source for silicone rubber entering se	
EN 2997-010	K4.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	
EN 2997-010	KE4.....	temperatures 175°C	EUR ELECTRIQUES	PQ 073	2004-06	1st: 15.06.2001	activities size 12, 16 and 20	

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EN 4499 060	in titanium alloy, anodized, with aluminium pigmented coating - Classification: 1 100 MPa (at ambient temperature) / 315 °C	SFS TECHNOLOGIES LTD. (UK)	PQ 078	2004-10	1st. 2001-10-03	not applicable
EN 4604 006	Cable, electrical, for signal transmission - Part 006 : Cable, coaxial, 50 Ohms, 200 °C, type WM - Product standard	Nexans-Filotex	PQ 123	2009-03	2006-04	
EN 4604 007	Cable, electrical, for signal transmission - Part 007 : Cable, coaxial, 50 Ohms, 200 °C, type WN - Product standard	Nexans-Filotex	PQ 123	2009-03	2006-04	
EN 4604 003	Cable, electrical, for signal transmission - Part 003 : Coaxial cable 50 Ohm, 200 °C, type WZ - Product standard	W.L. Gore & Associates	PQ 114	2006-12	2005-01	
EN 6075	Aerospace series - Static seal elements O-Ring ethylene-propylene, moulded, phosphate ester resistant (- 55 °C to 107 °C) - Inch series Aerospace series - Static seal	Greene, Tweed & Co.	PQ 137	2008-12	2006-12	Certified

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