

# 4 – JANUARY 2010

**BONNE ANNEE**

**FELIZ ANO**

**HAPPY NEW YEAR**

**SCHONES NEUES JAHR**

**From ASD-CERT President**

**ASD-CERT ends-up 2009 with significant achievements.**

**First of all, amount of invoiced qualification certificates is 3 times higher in 2009 than in the previous year showing the sustained amount of activities during that year 2009. Main figures for 2009 are as follow:**

- 48 PQ issued,
- 49% of PQ are now valid in ASD-CERT database,
- Total for 2009 : 33 000 € of qualification invoiced,
- New rules for Mandated Bodies are proposed with a proposed guide to conduct audits,
- New mandated bodies joined ASD-CERT activities (Christian Mazelle from Snecma, Jean-Luc Ballenghein who retired from Airbus, Laurent Jallerat from Eurocopter, William Trevor from QinetiQ)
- First contact between ASD-CERT and PRI QPL to seek synergies between the American and the european organizations.
- New ACP-006 for re-qualifications now available to download at ASD-CERT web site

*Reminder for each certificate : 1 certificate is delivered per technical specification and per manufacturing place.*

**Roadmap for 2010:**

- Formalize rules for mandated bodies
- Formalize rules for the qualification by analogy
- Propose a guide for suppliers
- Pursue synergy between PRI QPL and ASD-CERT
- Expected qualifications: 30 (25 000€)

**ASD-CERT Executive Board presents to all members their best wishes for 2010.**

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
<b>ALCOA FIXATIONS SIMMONDS</b>	EN 4011-050	Aerospace series - Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated - Classification: 1 550 MPa (at ambient temperature) / 600 °C	<b>PQ 163</b>	2009-03
<b>AMPHENOL LTD</b>	EN 2997-003, -004, -008	Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures 175°C continuous, 200°C continuous, 260°C peak	<b>PQ 080</b>	2009-03
<b>AMPHENOL AEROSPACE OPERATIONS</b>	EN 2997-001, -003, -004, -008	Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures 175°C continuous, 200°C continuous, 260°C peak	<b>PQ 104</b>	2009-03
<b>ARMSTRONG PRECISION COMPONENTS LTD</b>	EN 2942-050	Inserts, screw thread, helical coil, self-locking, in heat resisting nickel base alloy Ni-PH2801 (Inconel X750), silver plated	<b>PQ 087</b>	2009-03
<b>ARMSTRONG PRECISION COMPONENTS LTD</b>	EN 2944-050	Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004	<b>PQ 158</b>	2009-03
<b>ARMSTRONG PRECISION COMPONENTS LTD</b>	EN 3542-050	Inserts, screw thread, helical coil, self-locking, in heat resisting nickel base alloy NI-PH2801 (Inconel X750)	<b>PQ 158</b>	2009-03
<b>CAILLAU</b>	EN 4234	Clamps, worm drive - Dimensions, masses	<b>PQ 154</b>	2008-12
<b>CAILLAU</b>	EN 3730	Clamps, saddle fixed and sliding version in aluminium alloy with rubber cushioning -- Dimensions, masses	<b>PQ 155</b>	2008-12
<b>CAILLAU</b>	EN 4113	Clamps, loop ("P" type) in corrosion resisting steel, passivated, with rubber cushioning - Dimensions, masses	<b>PQ 155</b>	2008-12
<b>CAILLAU</b>	EN 4114	Clamps, loop ("P" type) in aluminium alloy, with rubber cushioning - Dimensions, masses	<b>PQ 155</b>	2008-12
<b>CAILLAU</b>	EN 4115	Cushion, rubber for clamps - Dimensions, masses	<b>PQ 156</b>	2008-12

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
<b>CONESYS</b>	EN 2997-003, -004, -008	Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures 175°C continuous, 200°C continuous, 260°C peak	<b>PQ 144</b>	2009-04
<b>CONESYS EUROPE</b>	EN 2997-003, -004, -008	Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures 175°C continuous, 200°C continuous, 260°C peak	<b>PQ 145</b>	2009-04
<b>CONNECTEUR ELECTRIQUES DEUTSCH</b>	EN 2997-003, -004, -008, -009, -010, -012, -013 Class K, KE, S, SE	Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures 175°C continuous, 200°C continuous, 260°C peak	<b>PQ 073</b>	2009-03
<b>LISI/BLANC AERO INDUSTRIES</b>	EN 2910-070	Shank nuts, self-locking, in heat resisting steel FE-PA92HT (A286) - Classification : 1 100 MPa (at ambient temperature) / 650 °C	<b>PQ 160</b>	2009-03
<b>LISI/BLANC AERO INDUSTRIES</b>	EN 4352-100040	Bolts, double hexagon head with lockwire holes, relieved shank, long thread, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), MoS2 coated - Classification: 1 550 MPa (at ambient temperature) / 425 °C	<b>PQ 161</b>	2009-03
<b>LISI/BLANC AERO INDUSTRIES</b>	EN 4012-100	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), MoS2 coated - Classification: 1 550 MPa (at ambient temperature) / 425 °C	<b>PQ 162</b>	2009-03
<b>SOURIAU</b>	EN 3646-003, -004, -005, -006, -007, -008, -009, -010, -011	Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous	<b>PQ 157</b>	2009-01

You can find all the qualified products on the **ASD-CERT Qualified Products List** available on :

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

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ Issue
<b>ALCOA FIXATIONS SIMMONDS</b>	EN 3728-016, -037, -038	Shaft-nuts, self-locking, left-hand thread, in heat resisting steel FE-PA92HT (A286), silver plated	<b>PQ 166</b>	2009-05
<b>ALCOA FIXATIONS SIMMONDS</b>	EN 4396-016, -037, -038	Shaft-nuts, self-locking, in heat resisting steel FE-PA92HT (A286), silver plated	<b>PQ 166</b>	2009-05
<b>ALCOA FIXATIONS SIMMONDS</b>	EN 3728-018	Shaft-nuts, self-locking, left-hand thread, in heat resisting steel FE-PA92HT (A286), silver plated	<b>PQ 170</b>	2009-07
<b>ALCOA FIXATIONS SIMMONDS</b>	EN 4396-018	Shaft-nuts, self-locking, in heat resisting steel FE-PA92HT (A286), silver plated	<b>PQ 170</b>	2009-07
<b>ARMSTRONG PRECISION COMPONENTS LTD</b>	EN 2942-040	Inserts, screw thread, helical coil, self-locking, in heat resisting nickel base alloy Ni-PH2801 (Inconel X750), silver plated	<b>PQ 168</b>	2009-06
<b>BRISTOL INDUSTRIES</b>	EN 2907-050, -060	Nuts, bihexagonal, self-locking, in heat resisting steel FE-PA92HT (A286), silver plated - Classification : 1 100 MPa (at ambient temperature) / 650 °C	<b>PQ 180</b>	2009-04
<b>BRISTOL INDUSTRIES</b>	EN 2909-050	Nuts, bihexagonal, self-locking, deep counterbored, in heat resisting steel FE-PA92HT (A286), silver plated - Classification : 1 100 MPa (at ambient temperature) / 650 °C	<b>PQ 180</b>	2009-04
<b>BRISTOL INDUSTRIES</b>	EN 2911-050	Shank nuts, self-locking, in heat resisting steel FE-PA92HT (A286), silver plated - Classification : 1 100 MPa (at ambient temperature) / 650 °C	<b>PQ 180</b>	2009-04
<b>BRISTOL INDUSTRIES</b>	EN 3013-050	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy Ni-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature) / 730 °C	<b>PQ 181</b>	2009-04
<b>LINREAD NORTHBRIDGE</b>	EN 3686-050	Bolts, double hexagon head, relieved shank, long thread, in heat resisting steel FE-PA92HT (A286), silver plated - Classification: 1 100 MPa/650 °C	<b>PQ 167</b>	2009-06
<b>LINREAD NORTHBRIDGE</b>	EN 3327-050	Bolts, double hexagon head, close tolerance, medium thread length, in heat resisting nickel base alloy NIP100HT (Inconel 718), uncoated - Classification: 1 275 MPa/650 °C	<b>PQ 172</b>	2009-08

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
LISI BLANC AERO INDUSTRIES	EN 2910-060	Shank nuts, self-locking, in heat resisting steel FE-PA92HT (A286) - Classification : 1 100 MPa (at ambient temperature) / 650 °C	PQ 024	2009-06
LISI BLANC AERO INDUSTRIES	EN 3377-040, -050, -100	Nuts, hexagonal, self-locking, in heat resisting steel FE-PA92HT (A286) - Classification: 1 100 MPa (at ambient temperature) / 425°C	PQ 026	2009-06
LISI BLANC AERO INDUSTRIES	EN 3723-080, -100	Nuts, hexagonal, self-locking, in heat resisting steel FE-PA92HT (A286) - MoS2 coated - Classification : 1 100 MPa (at ambient temperature)/425 °C	PQ 027	2009-06
LISI BLANC AERO INDUSTRIES	EN 2934-050, -060, -070	Bolts, T-head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification : 1 275 MPa (at ambient temperature) / 650 °C	PQ 029	2009-06
LISI BLANC AERO INDUSTRIES	EN 3613-050, -070	Bolts, normal hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification : 1275 MPa/650 °C	PQ 029	2009-06
LISI BLANC AERO INDUSTRIES	EN 2936-050, -060, -070	Bolts, T-head, relieved shank, long thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 030	2009-06
SOURIAU	EN 2997-003, -004, -005, -006, -007, -008, -012, -013	Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures 175°C continuous, 200°C continuous, 260°C peak - Part 006 : Hermetic jam-nut mounted receptacle - Product standard	PQ 003	2009-06
SOURIAU	EN 3645-003, -008, -009	Connectors, electrical, circular, scoop-proof, triple start threaded coupling operating temperature 175 °C or 200 °C continuous - Part 008: Non release plug with grounding ring - Product standard	PQ 169	2009-07
SPS TECHNOLOGIES LTD	EN 4118-050, -060, -070, -080, -100, -120	Nuts, bihexagonal, self-locking, in heat resisting steel FE-PA92HT (A286), silver plated on thread - Classification : 1 100 MPa (at ambient temperature) / 650 °C	PQ 031	2009-05
SPS TECHNOLOGIES LTD	EN 4119-050, -060, -070, -080, -100, -120	Nuts, bihexagonal, self-locking, deep counterbored, in heat resisting steel FE-PA92HT (A286), silver plated on thread -- Classification: 1 100 MPa (at ambient temperature) / 650 °C	PQ 031	2009-05

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
SPS TECHNOLOGIES LTD	EN 4121-050, -060	Shank nuts, serrated, self-locking, in heat resisting steel FE-PA92HT (A286), silver plated on thread -- Classification: 1 100 MPa (at ambient temperature) / 650 °C	PQ 033	2009-05
SPS TECHNOLOGIES LTD	EN 3239-050, -060, -070, 080, -120	Nuts, self-locking, bi-hexagonal, in heat resisting nickel base alloy NI-P101HT (Waspaloy) - silver plated thread - Classification : 1210 MPa/730 °C	PQ 034	2009-05
SPS TECHNOLOGIES LTD	EN 3637-050, -060	Nuts, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1210 MPa/730 °C	PQ 035	2009-05
SPS TECHNOLOGIES LTD	EN 4120-050, -060	Nuts, bi-hexagonal, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated on thread - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 035	2009-05
SPS TECHNOLOGIES LTD	EN 3006-080	Bolts, hexagon head, relieved shank, long thread, in heat resisting steel FE-PA92HT(A286) - Classification : 900 MPa (at ambient temperature) / 650 °C	PQ 036	2009-05
SPS TECHNOLOGIES LTD	EN 3007-080	Bolts, hexagon head, relieved shank, long thread, in heat resisting steel FE-PA92HT (A286), silver plated - Classification : 900 MPa (at ambient temperature) / 650 °C	PQ 036	2009-05
SPS TECHNOLOGIES LTD	EN 2933-050, -060, -070, -080, -100, -120	Bolts, T-head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718) - Classification : 1 275 MPa (at ambient temperature) / 650 °C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 2934-050, -060, -070, -080, -100, -120	Bolts, T-head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification : 1 275 MPa (at ambient temperature) / 650 °C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 3008-070, -080, -100, -120	Bolts, hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718) - Classification : 1 275 MPa (at ambient temperature)/650 °C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 3009-050, -060, -070, -080, -100, -120	Bolts, hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification : 1 275 MPa (at ambient temperature)/650 °C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 3293-050, -080, -100, -120	Bolts, T-head, close tolerance, medium thread length, in heat resisting nickel base alloy NI-P100HT (Inconel 718), uncoated - Classification : 1275 MPa/650 °C	PQ 037	2009-05

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
SPS TECHNOLOGIES LTD	EN 3327-070, -120	Bolts, double hexagon head, close tolerance medium thread length in heat resisting nickel base alloy NI-P100HT (Inconel 718), uncoated - Classification : 1275 MPa/650 °C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 3613-060, -070, -080, -100, -120	Bolts, normal hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated - Classification : 1275 MPa/650 °C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 4009-050, -060, -070, -080, -100, -120	Bolts, double hexagon head, close tolerance shank, medium length thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718) - Classification : 1 550 MPa (at ambient temperature) / 650°C	PQ 037	2009-05
SPS TECHNOLOGIES LTD	EN 2930-050, -060, -070, -080, -100,	Bolts, double hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 2935-050, -060, -070, -080, -100,	Bolts, T-head, relieved shank, long thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy) - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 2936-050, -060, -070, -080, -100,	Bolts, T-head, relieved shank, long thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 3010-050, -060, -070, -080, -100,	Bolts, hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy) - Classification : 1 210 MPa (at ambient temperature)/730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 3011-050, -060, -070, -080, -100,	Bolts, hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa ( at ambient temperature)/730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 3063-050, -060, -070, -080, -100,	Bolts, double hexagon head, close tolerance shank, medium length thread, in heat resisting nickel base alloy Ni-P101HT (Waspaloy) - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 3294-050, -060, -070, -080, -100,	Bolts, T-head, close tolerance in heat resisting nickel base alloy NI-P101HT (Waspaloy), uncoated for increased height nuts - Classification : 1210 MPa/730°C	PQ 038	2009-05

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
SPS TECHNOLOGIES LTD	EN 3379-050, -060, -070, -080, -100,	Bolts, double hexagon head, close tolerance shank, medium length thread, in heat resisting nickel base alloy NI-P101HT (Waspaloy), for increased height nuts - Classification : 1 210 MPa (at ambient temperature) / 730 °C	PQ 038	2009-05
SPS TECHNOLOGIES LTD	EN 3301-050	Bolts, T-head, close tolerance medium thread length in heat resisting steel FE-PM38 (FV535), uncoated - Classification : 1000 MPa/550 °C	PQ 039	2009-05
SPS TECHNOLOGIES LTD	EN 3323-050	Bolts with double hexagon head, relieved shank, long thread, in heat resisting steel FE-PM38 (FV535) - Classification : 1000 MPa/550 °C	PQ 039	2009-05
SPS TECHNOLOGIES LTD	EN 3324-050	Bolts, hexagon head, relieved shank, long thread, in heat resisting steel FE-PM38 (FV535) - Classification : 1000 MPa/550 °C - Unplated	PQ 039	2009-05
SPS TECHNOLOGIES LTD	EN 3325-050	Bolts, T-head, relieved shank, long thread, in heat resisting steel, FE-PM38 (FV535) - Classification : 1000 MPa/550 °C - Unplate	PQ 039	2009-05
SPS TECHNOLOGIES LTD	EN 3328-050	Bolts double hexagon head, close tolerance, medium thread length, in heat resisting steel FE-PM38 (FV535), uncoated - Classification : 1000 MPa/550 °C	PQ 039	2009-05
SPS TECHNOLOGIES LTD	EN 3052-050, -080	Bolts, normal hexagonal head, close tolerance normal shank, short thread, in heat and corrosion resisting steel, passivated - Classification : 1 100 MPa (at ambient temperature) / 425 °C	PQ 053	2009-05
SPS TECHNOLOGIES LTD	EN 4495-040, -050, -060	Bolts, normal hexagonal head, close tolerance normal shank, short thread, in titanium alloy, anodized, with aluminium pigmented coating - Classification: 1 100 MPa (at ambient temperature) / 315 °C	PQ 078	2009-05
SPS TECHNOLOGIES LTD	EN 4496-030, 040, -050, -060, -070, -080, -100	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	PQ 078	2009-05
SPS TECHNOLOGIES LTD	EN 4499-050, 060	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	PQ 078	2009-05

Manufacturer	Product Standard	Product Description	PQ Certificate	PQ issue
SPS TECHNOLOGIES LTD	EN 2859-040, -050, -060	Bolts, normal hexagonal head, close tolerance normal shank, short thread, in alloy steel, cadmium plated - Classification : 1 100 MPa (at ambient temperature) / 235 °C	PQ 098	2009-05
SPS TECHNOLOGIES LTD	EN 2549-080	Bolts, normal hexagonal head, close tolerance normal shank, short thread, in titanium alloy, anodized, MoS2 lubricated - Classification : 1 100 MPa (at ambient temperature) / 315 °C	PQ 099	2009-05
SPS TECHNOLOGIES LTD	EN 2906-050, -070	Nuts, bi-hexagonal, self-locking, in heat resisting steel FE-PA92HT (A286) - Classification : 1 100 MPa (at ambient temperature) / 650 °C	PQ 100	2009-05
SPS TECHNOLOGIES LTD	EN 3832-050, -060, -080, -100, -120	Bolts, double hexagon head, relieved shank, long thread, in heat resisting nickel base alloy NI-P100HT (Inconel 718) - Classification : 1550 MPa (at ambient temperature)/650°C	PQ 164	2009-05
SPS TECHNOLOGIES LTD	EN 3687-080	Bolts, normal hexagon head, relieved shank, long thread, in heat resisting steel FE-PA92HT (A286), silver plated - Classification : 1100 MPa/650 °C	PQ 165	2009-05
SPS TECHNOLOGIES	EN 4011-070	Nuts, bi-hexagonal, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated - Classification: 1 550 MPa (at ambient temperature) / 600 °C	PQ 182	2009-04
TRI-STAR Electronics International, INC.	EN 3155-003, -004, -005, -008, -009, -017, -018, -019	Electrical contacts used in elements of connection - Part 019 : Contacts, electrical, female 019, type A, crimp, class S - Product standard	PQ 071	2009-06
TRI-STAR Electronics International, INC.	EN 3155-003, -008, -009, -014, -015, -016, -018, -019, -026, -027, -055, -057	Electrical contacts used in elements of connection - Part 019 : Contacts, electrical, female 019, type A, crimp, class S - Product standard	PQ 140	2009-06
TRI-STAR Electronics International, INC.	EN 3155-003, -004, -008, -009, -014, -015, -016, -017, -026	Electrical contacts used in elements of connection - Part 019 : Contacts, electrical, female 019, type A, crimp, class S - Product standard	PQ 171	2009-06