

ASD-CERT
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www.asd-cert.org

PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ263 - Renewal
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Blanc Aero Industries - LISI - la Glèbe, La Rouquette
NOM DE SOCIETE : 305 Rue de la Murette
FIRMA : Villefranche de Rouergue
12202
France

PLACE OF MANUFACTURE :
LIEU DE FABRICATION : As above
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1563-(R) – Blanc Aero Industries – LISI – La Glèbe, La Rouquette, (FR) PQ263 Dated: 11 Mar 2024

Completed by ASD-CERT Auditor : Keith Allen

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3005	EN3013	-050, -060, -070, -080, -100, -120	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy Ni-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature)/730 °C

This certificate is valid / Ce certificat est valable / Dieses Zertifikat ist gültig

from 01-Nov-2023 until 01-Nov-2026

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen



Christelle Festaud, ASD-CERT Secretary General
331-476-57011 15 April 2024

PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ263
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Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3005	EN3637	-060, -080, -100, -120	Nuts, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1210 MPa/730 °C
EN3005	EN3672	-050, -060	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
EN3005	EN4120	-050, -060	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated on thread - Classification : 1 210 MPa (at ambient temperature) / 730 °C
EN3005	EN4124	-050	Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH1302 (Waspaloy), silver plated on thread, for 60° swage - Classification: 1 210 MPa (at ambient temperature) / 730 °C



This certificate is valid / Ce certificat est valable / Dieses Zertifikat ist gültig

from 01-Nov-2023 until 01-Nov-2026

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

A handwritten signature in black ink, appearing to be "CF", is written over a light blue horizontal line.

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 15 April 2024

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PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ263 – Addition of EN reference
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Blanc Aero Industries - LISI - la Glèbe, La Rouquette
NOM DE SOCIETE : 305 Rue de la Murette
FIRMA : Villefranche de Rouergue
12202
France

PLACE OF MANUFACTURE :
LIEU DE FABRICATION : As above
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1451-Blanc Aero Industries – LISI – La Glèbe, La Rouquette, (FR) EN3013-120 –
Qualification by analogy & Transfer to PQ263 Dated: 4 May 2023
Completed by ASD-CERT Auditor : Sebastien GARCIA

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3005	EN3013	-120	Aerospace series - Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification: 1 210 MPa (at ambient temperature) / 730 °C

This certificate is valid / Ce certificat est valable / Dieses Zertifikat ist gültig

from 01-Feb-2023 until 01-Nov-2023

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen



Christelle Festaud, ASD-CERT Secretary General
331-476-57011 30 October 2023

ASD-CERT
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1040 Brussels
Belgium

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PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ263
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This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Blanc Aero Industries - LISI - la Glèbe, La Rouquette
NOM DE SOCIETE : 305 Rue de la Murette
FIRMA : Villefranche de Rouergue
12202
France

PLACE OF MANUFACTURE :
LIEU DE FABRICATION : As above
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1412 – Blanc Aero Industries – LISI – La Glèbe, La Rouquette, (FR) PQ377 Renewal & Transfer to PQ263 Dated: 5 Feb 2023
Completed by ASD-CERT Auditor : Kees Meijer

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3005	EN3013	-080	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy Ni-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature)/730 °C

This certificate is valid / Ce certificat est valable / Dieses Zertifikat ist gültig

from 01-Nov-2020 until 01-Nov-2023

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Christelle Festaud, ASD-CERT Secretary General
331-476-57011 30 March 2023

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1040 Brussels
Belgium

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PRODUCT QUALIFICATION QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO.
No DE CERTIFICAT
ZERTIFIKAT NR.

PQ263 Renewal

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : Blanc Aero Industries - LISI - la Glèbe, La
NOM DE SOCIETE : Rouquette
FIRMA : 305 Rue de la Murette
Villefranche de Rouergue
12202
France

PLACE OF MANUFACTURE :
LIEU DE FABRICATION : As above
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Approved under Report No : 1053-(R) – Blanc Aero Industries – LISI – La Glèbe, La Rouquette, (FR) PQ263 Dated: 19 Jul 2021
Completed by ASD-CERT Auditor : Sebastien GARCIA

Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3005	EN3013	050, 060, 070, 100	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy Ni-P101HT (Waspaloy), silver plated - Classification : 1 210 MPa (at ambient temperature)/730 °C
EN3005	EN3637	060, 080, 100, 120	Nuts, self-locking, bi-hexagonal (double reduced), in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated - Classification : 1210 MPa/730 °C

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Nov-2023

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Christelle Festaud, ASD-CERT Secretary General
331-476-57011 29 July 2021

PRODUCT QUALIFICATION
QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. No DE CERTIFICAT ZERTIFIKAT NR.	PQ263
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Applicable Standard Norme applicable Zutreffende Norm & Publication Date	Standard Number	Designation (or identifiers)	Products Produits Erzeugnisse
EN3005	EN3672	050, 060	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
EN3005	EN4120	050, 060	Nuts, bihexagonal, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated on thread - Classification : 1 210 MPa (at ambient temperature) / 730 °C
EN3005	EN4124	050	Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH1302 (Waspaloy), silver plated on thread, for 60° swage - Classification: 1 210 MPa (at ambient temperature) / 730 °C



This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

01-Nov-2023

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

A handwritten signature in black ink, appearing to be "CF", is written over a light blue horizontal line.

Christelle Festaud, ASD-CERT Secretary General
331-476-57011 29 July 2021

PRODUCT QUALIFICATION / QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. **PQ263 - Renewal**
N° DE CERTIFICAT
ZERTIFIKAT NR.

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : LISI / BLANC AERO INDUSTRIES
NOM DE SOCIETE : rue Jean Vaurs
FIRMA : 12200 VILLEFRANCHE DE ROUERGUE
FRANCE

PLACE OF MANUFACTURE : As above
LIEU DE FABRICATION :
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Applicable Standard Norme applicable Zutreffende Norm	Issue date of the Technical Specification	Products Produits Erzeugnisse	Issue date of the Product Standard	Report No. Issue Date ASD-CERT Mandated Body
EN3005	11/2004	EN3013 EN3637 EN3672 EN4120 EN4124 For details: see Appendix	01/1996 12/2008 prEN04/2015 07/2009 PrEN02/2017	Report ACP006_Qualification: 506_ 2017/10/05 – for Lisi Aéroindustrie Paul LANG – MTU

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

NOVEMBER 2020

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

DATE :

DATE : 27/10/2017

DATUM :

PLACE :

A : Brussels, Belgium

ORT :

SIGNATURE :

SIGNATURE :

UNTERSCHRIFT :

Patrick Terrier, Deputy Secretary General, +33 1 47 65 70 14
On behalf of Christelle Festaud, Secretary General

Appendix of PQ263 – Renewal

Product standards	Qualified size
EN3013	-050, -060, -070 & -100
EN3637	-060, -080, -100 & -120
EN3672	-050 & -060
EN4120	-050 & -060
EN4124	-050



ASD-CERT

Certification of Aerospace Standard Products

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1000 Brussels
BELGIUM

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PRODUCT QUALIFICATION / QUALIFICATION DE PRODUIT / ERZEUGNISQUALIFIKATION

CERTIFICATE NO. **PQ 263**
N° DE CERTIFICAT
ZERTIFIKAT NR.

This is to certify that the manufacturer / Ceci certifie que le fabricant / Hiermit wird bescheinigt, dass der Hersteller

COMPANY NAME : LISI BLANC AERO INDUSTRIES
NOM DE SOCIETE : Rue Jean Vaurs
FIRMA : 12200 Villefranche de Rouergue
FRANCE

PLACE OF MANUFACTURE : As above
LIEU DE FABRICATION :
HERSTELLUNGSORT :

has met the requirements of EN9133 in respect of the following standards:
a satisfait les exigences de l'EN9133 en ce qui concerne les normes suivantes:
die Forderungen der EN9133 erfüllt unter Berücksichtigung der folgenden Normen:

Applicable Standard Norme applicable Zutreffende Norm	Products Produits Erzeugnisse	Report No. Issue Date ASD-CERT Mandated Body
EN3005	EN3013-050, -060, -070 & -100 EN3637-060, -080, -100 & -120 EN3672-050 & -060 EN4120-050 & -060 EN4124-050	Report: N°211 for LISI_ACP005 Form2- 2013/05/06 Philippe HENRY, SNECMA

This certificate is valid until / Ce certificat est valable jusqu'au / Dieses Zertifikat ist gültig bis

September 2016

except if cancelled in the meantime / sauf si annulé entre-temps / sofern zwischenzeitlich nicht widerrufen

DATE :
DATE : 13/09/2013
DATUM :

PLACE :
A : Brussels, Belgium
ORT :

SIGNATURE :
SIGNATURE : Thierry Grenot, Secretary General, +33 1 47 65 70 18
UNTERSCHRIFT :

