D Q P

Declaration of Qualification of the Process

Dichiarazione Qualifica Processo

Leonardo Helicopters

N° US01/00002/00

☐ INITIAL QUALIFICATION Qualificazione Iniziale ☑ RENEWAL OF QUALIFICATION Rinnovo della Qualifica ☐ REQUALIFICATION Riqualificazione ☑ External / Esterna ☐ Internal / Interna

APPROVED SUPPLIER OR LH PLANT/ Fornitore o Sito LH	**RESPONSIBLE LH SITE** / Sito LH Responsabile
PTI INDUSTRIES, INC	**US01 - AW Philadelphia Final Assembly**
PRODUCTION SITE / Sito Produttivo	**DEPARTMENT - BUILDING** / Reparto - Edificio
2 Peerless Way Enfield, CT 06082	N/A

SPECIAL PROCESS / Processo Speciale

MAGNETIC FLAW DETECTION

PROCESS DETAIL / Dettaglio Processo

N/A

APPLICABLE SPECIFICATIONS AND REVISION NUMBER (continue to page 2)

Specifiche Applicabili e Relativo Stato di Revisione (segue a pagina 2)

AWPS003X - MAGNETIC FLAW DETECTION Rev.D

AMS2641 - VEHICLE, MAGNETIC PARTICLE INSPECTION PETROLEUM BASE Rev.D

EQUIPMENT AND RELEVANT DATA / Impianti e Dati Rilevanti

See attachment, Renewal Requirements File Regarding Equipment and relevant data

APPROVED ACTIVITIES / Attività Approvate

AWPS003X MAGNETIC FLAW DETECTION

LIMITATIONS / Limitazioni

N/A

THE PROCESS IS APPLICABLE FOR THE PRODUCTION OF PARTS P/N

Specifiche Applicabili e Relativo Stato di Revisione

☑ AgustaWestland	☐ Bell	☐ Boeing	☐ Sikorsky	☑ AW609 per BPS spec	☐ ICH-47F	☐

PERSONNEL ASSIGNED TO THE PROCESS / Personale addetto al processo

PRODUCTION RESPONSIBLE / Responsabile Produzione	**QUALITY RESPONSIBLE** / Responsabile Qualità
MAT BURKE, DEPARTMENT MANAGER	DAWN STOKES, QUALITY ASSURANCE MANAGER
ASSIGNED PERSONNEL / Personale addetto	**INSPECTORS / NDT Personnel** / Controllori
	BURNS ANTHONY M Lv. 3; SANTOS ERIC Lv. 2; SMITH JARED Lv. 2; VALE JOSE Lv. 1; HELSEL KEVIN Lv. 3

RESPONSIBILITY: THE APPROVED LH FACILITY / SUPPLIER IS RESPONSIBLE TO PERFORM ALL TESTS REQUIRED BY APPLICABLE PROCESS SPECIFICATIONS
Responsabilità: il Reparto LH / Fornitore approvato è responsabile di eseguire tutte le prove richieste dalle Specifiche Applicabili
TRACEABILITY: RECORDS OF ALL PROCESS CONTROL TESTING PERFORMED AND RELATED RESULTS MUST BE AVAILABLE
Rintracciabilità: deve essere disponibile la registrazione di tutte le prove di controllo processo e relativi risultati

APPROVED DEVIATIONS-RFVAs / Deviazioni-RFVA Approvate

N/A

QUALIFICATION REPORT No. / Rapporto di Qualifica N°	**QUALIFICATION REPORT DATE** / Data Rapporto di Qualifica
LEONARDO RENEW JULY 2024 - Updated by MVL 7.5.2024.xlsx	05/07/2024

DQP INITIAL VALIDITY DATE Data inizio validità DQP	**12/06/2024**	**DQP VALIDITY** Validità DQP	**3 Years**	**DQP EXPIRATION DATE** Data Scadenza DQP	**12/06/2027**

THIS DOCUMENT MUST BE DISPLAYED ON THE EQUIPMENT OR AS CLOSE AS POSSIBLE

Il presente documento deve essere esposto sugli impianti o nelle immediate vicinanze

Prepared By Preparato Da	**Date** Data	**Laboratory Responsible** Responsabile di Laboratorio	**Date** Data	**QUALITY CONTROL MANAGER** Responsabile Quality Control	**Date** Data
Rodriguez Jorge	30/07/2024 15:15:37	Rodriguez Jorge	30/07/2024 15:17:06	Degurski Robert	01/08/2024 18:27:49

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D Q P

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Dichiarazione Qualifica Processo

Leonardo Helicopters

N° US01/00002/00

PROCESS CONTROL TESTS AND INSPECTIONS TO BE PERFORMED Prove di Controllo Processo e Ispezioni da Eseguire	**FREQUENCY** Frequenza	**REFERENCE DOCUMENTS** Documenti di Riferimento
Radiometer calibration	Semi-Annually	PTI Procedure 4.9.3.5 Appendix B Sect.
Concentration of suspension	Each Shift	PTI Procedure 4.9.3.5 Sect. 10.6,
Contamination of suspension	Each Shift	PTI Procedure 4.9.3.5 Sect. 10.6,
Field gage calibration	Semi-Annually	PTI Procedure 4.9.3.5 Appendix B Sect.
UV-A intensity/fixture check	Each Shift	PTI Procedure 4.9.3.5 Appendix B Sect.
White light from UV-A	Each Shift	PTI Procedure 4.9.3.5 Appendix B Sect.
White light in booth	Each Shift	PTI Procedure 4.9.3.5 Appendix B Sect.
White light in work area	Each Shift	PTI Procedure 4.9.3.5 Appendix B Sect.
Short test	Each Shift	PTI Procedure 4.9.3.5 Sect. 10.6,
System performance	Each Shift	PTI Procedure 4.9.3.5 Appendix B Sect.
Shot time check	Monthly	PTI Procedure 4.9.3.5 Appendix B Sect.
Booth contamination	Each Shift	PTI Procedure 4.9.3.5 Appendix B Sect.
Shunt test	Monthly	PTI Procedure 4.9.3.5 Appendix B Sect.
Quick break test	Monthly	PTI Procedure 4.9.3.5 Appendix B Sect.
Gauss meter calibration	Semi-Annually	PTI Procedure 4.11.1.1 Table II

REVISIONS / Revisioni

Renewal of qualification - DQP Renewal following expiration

REMARKS / Note

Paul Flemming NDT Level III Responsible

COMMODITY / Commodity

NDT

Continued from page 1 / Segue da pagina 1

APPLICABLE SPECIFICATIONS AND REVISION NUMBER / Specifiche Applicabili e Relativo Stato di Revisione

AMS2641 - VEHICLE, MAGNETIC PARTICLE INSPECTION PETROLEUM BASE Rev.D

ASTM E1444 - STANDARD PRACTICE FOR MAGNETIC PARTICLE TESTING Rev.22A

ASSIGNED PERSONNEL / Personale addetto

INSPECTORS / NDT Personnel / Controllori

FLEMING PAUL Lv. 3; BURKE MAT Lv. 2; CHLASTAWA MIKE Lv. 2; MARTINEZ HECTOR Lv. 2; SANCHEZ MANNY Lv. 2; LOZADA ANTHONY Lv. 1

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Declaration of Qualification of the Process

Dichiarazione Qualifica Processo

Leonardo Helicopters

N° US01/00003/00

☐ INITIAL QUALIFICATION Qualificazione Iniziale ☑ RENEWAL OF QUALIFICATION Rinnovo della Qualifica ☐ REQUALIFICATION Riqualificazione ☑ External / Esterna ☐ Internal / Interna

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PTI INDUSTRIES, INC	**US01 - AW Philadelphia Final Assembly**
PRODUCTION SITE / Sito Produttivo	**DEPARTMENT - BUILDING** / Reparto - Edificio
2 Peerless Way Enfield, CT 06082	N/A

SPECIAL PROCESS / Processo Speciale

LIQUID PENETRANT INSPECTION

PROCESS DETAIL / Dettaglio Processo

N/A

APPLICABLE SPECIFICATIONS AND REVISION NUMBER (continue to page 2)

Specifiche Applicabili e Relativo Stato di Revisione (segue a pagina 2)

AWPS006X - LIQUID PENETRANT INSPECTION Rev.F

ASTM E1417/E1417M - STANDARD PRACTICE FOR LIQUID PENETRANT TESTING Rev.21E1

EQUIPMENT AND RELEVANT DATA / Impianti e Dati Rilevanti

See attachment, Renewal Requirements File Regarding Equipment and relevant data

APPROVED ACTIVITIES / Attività Approvate

AWPS006X LIQUID PENETRANT INSPECTION

LIMITATIONS / Limitazioni

N/A

THE PROCESS IS APPLICABLE FOR THE PRODUCTION OF PARTS P/N

Specifiche Applicabili e Relativo Stato di Revisione

☑ AgustaWestland	☐ Bell	☐ Boeing	☐ Sikorsky	☑ AW609 per BPS spec	☐ ICH-47F	☐

PERSONNEL ASSIGNED TO THE PROCESS / Personale addetto al processo

PRODUCTION RESPONSIBLE / Responsabile Produzione	**QUALITY RESPONSIBLE** / Responsabile Qualità
MAT BURKE	DAWN STOKES
ASSIGNED PERSONNEL / Personale addetto	**INSPECTORS / NDT Personnel** / Controllori
	HELSEL KEVIN Lv. 3; BURNS ANTHONY M Lv. 3; FLEMING PAUL Lv. 3; CHLASTAWA MIKE Lv. 2; VALE JOSE Lv. 1

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APPROVED DEVIATIONS-RFVAs / Deviazioni-RFVA Approvate

N/A

QUALIFICATION REPORT No. / Rapporto di Qualifica N°	**QUALIFICATION REPORT DATE** / Data Rapporto di Qualifica
LEONARDO RENEW JULY 2024 - Updated by MVL 7.5.2024.xlsx.	05/07/2024

DQP INITIAL VALIDITY DATE	**DQP VALIDITY**	**DQP EXPIRATION DATE**
Data inizio validità DQP **12/06/2024**	Validità DQP **3 Years**	Data Scadenza DQP **12/06/2027**

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Prepared By	**Date**	**Laboratory Responsible**	**Date**	**QUALITY CONTROL MANAGER**	**Date**
Preparato Da	Data	Responsabile di Laboratorio	Data	Responsabile Quality Control	Data
Rodriguez Jorge	30/07/2024 15:18:23	Rodriguez Jorge	30/07/2024 15:18:50	Degurski Robert	01/08/2024 18:27:34

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Declaration of Qualification of the Process

Dichiarazione Qualifica Processo

Leonardo Helicopters

N° US01/00003/00

PROCESS CONTROL TESTS AND INSPECTIONS TO BE PERFORMED Prove di Controllo Processo e Ispezioni da Eseguire	**FREQUENCY** Frequenza	**REFERENCE DOCUMENTS** Documenti di Riferimento
White light in booth	Each Shift	PTI Procedure 4.9.3.4 Appendix B Sect.
Radiometer calibration	Semi-Annually	PTI Procedure 4.9.3.4 Appendix B Sect.
Penetrant contamination	Quarterly	PTI Procedure 4.9.3.4 Appendix A Sect.
Penetrant water content	Monthly	PTI Procedure 4.9.3.4 Appendix A Sect.
Hydrophilic concentration	Each Shift or Prior to Use	PTI Procedure 4.9.3.4 Appendix A Sect.
Booth contamination	Each Shift	PTI Procedure 4.9.3.4 Appendix B Sect.
System performance	Each Shift	PTI Procedure 4.9.3.4 Appendix A Sect.
Penetrant removability	Monthly	PTI Procedure 4.9.3.4 Appendix A Sect.
Penetrant sensitivity	Weekly	PTI Procedure 4.9.3.4 Appendix A Sect.
Pressure gage calibration	Semi-Annually	PTI Procedure 4.11.1.1 Table II
Air pressure check	Each Shift	PTI Procedure 4.9.3.4 Appendix B Sect.
UV-A intensity/fixture check	Each Shift	PTI Procedure 4.9.3.4 Appendix B Sect.
White light from UV-A	Weekly	PTI Procedure 4.9.3.4 Appendix B Sect.
White light in work area	Weekly	PTI Procedure 4.9.3.4 Appendix B Sect.
Penetrant brightness	Quarterly	PTI Procedure 4.9.3.4 Appendix A Sect.
Dry developer check	Each Shift	PTI Procedure 4.9.3.4 Appendix A Sect.
Penetrant removability	Monthly	PTI Procedure 4.9.3.4 Appendix A Sect.
Water pressure	Each Shift	PTI Procedure 4.9.3.4 Appendix B Sect.
Water temperature	Each Shift	PTI Procedure 4.9.3.4 Appendix B Sect.
Temperature gage calibration	Semi-Annually	PTI Procedure 4.11.1.1 Table II
Dryer calibration	Quarterly	PTI Procedure 4.9.3.4 Sect. 7.3
Pressure gage calibration	Semi-Annually	PTI Procedure 4.11.1.1 Table II

REVISIONS / Revisioni

Renewal of qualification - DQP renewal following expiration

REMARKS / Note

Paul Flemming NDT Level III Responsible

COMMODITY / Commodity

NDT

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APPLICABLE SPECIFICATIONS AND REVISION NUMBER / Specifiche Applicabili e Relativo Stato di Revisione

ASTM E1135 - STANDARD TEST METHOD FOR COMPARING THE BRIGHTNESS OF FLUORESCENT Rev.24

AWPS006X/CNF01 - DCN-ISPEZIONE CON LIQUIDI PENETRANTI Rev.A

ASSIGNED PERSONNEL / Personale addetto

INSPECTORS / NDT Personnel / Controllori

SANTOS ERIC Lv. 2; BURKE MAT Lv. 2; MARTINEZ HECTOR Lv. 2; SANCHEZ MANNY Lv. 1; LOZADA ANTHONY Lv. 1

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