特殊工程認定証
Special Process Certificate

Kawasaki
Powering your potential

会社名 Supplier	Element Hartford	工場名 Facility	—	取引先コード Supplier Code	—	認定証番号 Certificate No.	KHI認5587
所在地 Address	80 K imberly Drive, South Windsor CT 06074	郵便番号 Zip	—	宛先 ATTN	Matthew Federer	有効期限 Expiration Date	2027/4/14

特殊工程 Special Process		適用規格 Applicable Specification		設備番号 Equipment No.	作業者/検査員氏名 Personnel	承認範囲制限事項 Remarks/Limitations	備考 Remarks
分類記号 Category	工程名 Name of Process	規格番号 Specification	タイプ/クラス等 Type/Class etc.				
CP	Pre-Penetrant Etch of Aluminum Alloy	KP-4238	—	AA-6	—	—	PW1100G-JM Parts Only

This is to certify that you are approved for the above named process(es) in accordance with the requirements of the above specifications, subject to the limitations in KHI Quality Specification KQ-7201, KQ-7203 and KQ-7222 as applicable. This does not in itself constitute a waiver of specification requirements as to inspection, testing, maintenance of records, and/or other provisions of the Purchase Order/Sub Contract, nor does it guarantee the acceptance of articles produced for KHI. Requirements for the submission and qualification of individual parts/samples or other items as contained in specifications, engineering drawings or Purchase Order will be completed as outlined. Inspection of the facilities for which this certification is granted may be conducted at any time by an KHI representative to determine continued compliance with the requirements.

m. Kitagou

北郷 雅 / Masaru Kitgou
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川崎重工業株式会社
航空宇宙システムカンパニー
航空エンジンディビジョン
エンジン生産総括部　エンジン生産技術部
エンジン特殊工程システム課
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Aero Engne Business Division
Aerospace Systems Company
Kawasaki Heavy Industries, Ltd.

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変更履歴 Change History

年月日 Date	変更内容 Change Summary	備考 Remarks
2024/4/15	Continued approval (initial approval:2017/4/20)	

- End of Document -

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Special Process Qualification • Approval Request

Date : 2024/1/11
Supplier : Element Hartford
Facility : Hartford
Address : 80 K imberly Drive, South Windsor CT 06074
Supplier Contact : Matthew Federer - QM
Phone, Email : 860-289-8225, info.hartford@element.com

No.	Class	Applicable Part		KHI Approval Cert. No.	Special Process		Applicable Specification		Equipment ID, Personnel	HT Furnace		Note
		Engine Model	Part Number		Commodity	Process	Spec. No.	Type/Class etc.		Temp. Range	Effective Work Zone	
Ex.	New	xxxxx	xxxxx	-	NDT	FPI	NAS410	Level 3	Kawasaki	-	-	-
Ex.	New	xxxxx	xxxxx	-	NDT	FPI	ASTM E1417	Type 1, Method	PT-123	-	-	-
Ex.	Renewal	xxxxx	xxxxx	1234	HT	Heat Treatment of Ni/Co Alloy	AMS2759/9	-	VAC-456	600-1200℃	W500×H650 ×D1200 mm	-
Ex.	Change	xxxxx	xxxxx	5678	CP	Copper Plating	AMS2418	Type 1	CU-789	-	-	Add new plating line CU-
1	Renewal			4968	NDT	ultrasonic Inspection	J-ISAJT-A004		Sonic 138vfd	-	-	PW1100G-JM Parts Only
2	Renewal			4968	NDT	ultrasonic Inspection	J-ISAJT-A004		usip-20	-	-	PW1100G-JM Parts Only
3	Renewal			4968	NDT	ultrasonic Inspection	J-ISAJT-A004		usip-40	-	-	PW1100G-JM Parts Only
4	Renewal			4968	NDT	ultrasonic Inspection	J-ISAJT-A004		matec trx-2	-	-	PW1100G-JM Parts Only
6	Renewal			4968	NDT	Fluorescent pen	j-isajt-a002	Grade 7	mtc fpi line 1	-	-	PW1100G-JM Parts Only
7	Renewal			4968	NDT	Fluorescent pen	J-FPM-CODE-2		mtc fpi line 1	-	-	PW1100G-JM Parts Only
8	Renewal			4968	NDT	Fluorescent pen	J-NDTQ		Anthony Bruno -	-	-	PW1100G-JM Parts Only
9	Renewal			5357	CP	Etching Inspection	J-ISAJT-D503	Class A	BE 6	-	-	PW1100G-JM Parts Only
10	Renewal			5357	CP	Etching Inspection	J-ISAJT-D503	Class B	ME-14	-	-	PW1100G-JM Parts Only
11	Renewal			5587	CP	Pre-pen etch of	KP-4238		AA6	-	-	PW1100G-JM Parts Only
12				-						-	-	-
13				-						-	-	-
14				-						-	-	-
15				-						-	-	-
16				-						-	-	-
17				-						-	-	-
18				-						-	-	-
19				-						-	-	-
20				-						-	-	-

i) The Class is designated as follows
New : Initial Approval
Continued : Maintain the approval (extend the approval period)
Change : Change in applicable machine, operator/inspector or the type/class of applicable spec
This includes the transfer of the machine or change in company name/organization name.
Re-Approval : Restoration of approval which was cancelled in the past
ii) Due date of approval request
Continued : Until 90 days before expiry date.
Others : Until 60 days before the planned date of conducting the special process

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