

Quality Assurance System

According to Directive 2014/68/EU

Certificate N°: **PTC25.03128.5308/1**

Date: **2025.09.05**

Name and Address
of the Manufacturer: **Patriot Forge Corporation
280 Henry Street, Brantford, Ontario, N3S
7R5
Canada**

SGS Portugal SA as a notified body for the scope of Pressure Equipment Directive 2014/68/EU, certifies that the manufacturer has implemented, operates and maintains a Quality Assurance System in accordance with the Pressure Equipment Directive Annex I, Paragraph 4.3.

NOBO 1155

Assessed According to
Directive 2014/68/EU: **Annex I, Paragraph 4.3**

Inspection Report N°: **PTR25.05720.5308**

Scope: **Manufacture of metal forgings and related
processes including heat treatment, rough
and semi-finished machining and non-
destructive testing. Materials as listed in
Annex. 1 to this Certificate.**

Manufacturing Plant: **Patriot Forge Corporation, 280 Henry
Street, Brantford, Ontario, N3S 7R5, Canada
Patriot Forge, 100 Consolidated Drive,
Paris, ON N3T 3T6, Canada**

Valid Until: **2028.03.19**

The validity of this certificate is connected to a valid certification in accordance with ISO 9001: 2015

The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive and applied technical specifications. Possible additional requirements – specific to applied technical specifications to meet PED annex I – are not affected.

This certificate cancels and supersedes the certificate no PTC25.03128.5308 dated 2025-03-20 issued by SGS Portugal S.A.



Carlos Felgueiras
Technical Responsible



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Table of Materials

Standard	Grade	Notes	Standard	Grade	Notes
AISI	1006		AISI	4320	
AISI	1010		AISI	4330	Including Modified Versions
AISI	1018			4335M	
AISI	1022		AISI	4340	
AISI	1020		AISI	4345	
AISI	1025		AISI	4350	
AISI	1029		AISI	440C	
AISI	1030		AISI	455	
Siemens	10325EP	4340	AISI	465	CUSTOM 465
Siemens	10325YA	NiCrMoV	AISI	4820	
Siemens	10325YD	NiCrMoV		52100	
AISI	1035			6061	
AISI	1040			Alloy 625 Plus	
AISI	1045		ASTM	630	17-4PH
AISI	1050			6AL-4V	
AISI	1055			7050	
AISI	1060			7075	
AISI	1070		AISI	8620	
AISI	1141		AISI	8627	
ASTM	13-4	F6NM	AISI	8630	
ASTM	13-8MO	XM-13	AISI	9310	
ASTM	15-5-PH	XM-12	ASTM	A105	
AISI	1541		AISI	A2	
EN	16CR	16CrMo44		A286	
EN	17CR	17CrNiMo6	ASTM	A470GR.B	
EN	18CR	18CrNiMo7-6	ASTM	A470GR.C	
	2014	2014 ALUM.	ASTM	A470GR.D	
EN	21CR	21CRMOV511	ASTM	A508GR.3	
	300M		ASTM	A508GR1A	
AISI	303		ASTM	A508GR2	
AISI	304/304L/304H/304LN		ASTM	A723GR.3	
AISI	316/316L/316H			AL6XN	
AISI	321/321H			ALLOY 20	
AISI	3312		GE	B50A164B	
AISI	347/347H		GE	B50A390E	
AISI	403		GE	B50A534	
AISI	405		GE	B50AF810	
AISI	410		GE	B50T4400	
AISI	4130		GE	B50T4480	
AISI	4140		GE	B50T4488	
AISI	4145	AISI	GE	B5F5B31	
AISI	4150	AISI	Siemens	C26	
AISI	416	AISI		C276	UNS N10276
AISI	420	AISI	AISI	D2	
AISI	422	AISI	ASTM/ASME	F1	
AISI	431		ASTM/ASME	F1	

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Table of Materials (Cont.)

Standard	Grade	Notes
ASTM/ASME	F11	
ASTM/ASME	F22	
ASTM/ASME	F5	
ASTM/ASME	F51	
ASTM/ASME	F53	
ASTM/ASME	F55	
ASTM/ASME	F9	
ASTM/ASME	F91	
AISI	H13	
AISI	H21	
	HT9	
	HY100	
	HY80	
	Alloy 600	
	Alloy 625	
	Alloy 690	
	Alloy 718	
	Alloy 800	
	Alloy 825	
	JETHETE	
ASTM/ASME	LF2	
ASTM/ASME	LF3	
ASTM/ASME	LF6	
AISI	M2	
	Alloy 400	
	Alloy 500	
	MPR-12	
	NICRMOV1	NICRMOV1/MILS23284
	NIT135-M	
ASTM/ASME	NIT50	XM-19 or UNS S20910
	NIT60	UNS 21800
AISI	O1	
AISI	P20	
AISI	S7	
AISI	W1	



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