

EU CERTIFICATE OF QUALITY SYSTEM APPROVAL
In accordance with the requirements of the Pressure Equipment
Directive 2014/68/EU

This is to certify that the Quality Management System of:

Pennsylvania Machine Works LLC
201 Bethel Avenue,
Aston, PA, 19014, USA

Location 1
US Drop Forge
1366 Auburn Road, Route 551,
Woolwich, NJ 08085, USA

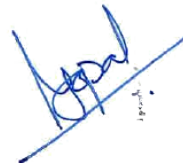
Location 2
Penn Machine
315 North Wayside Drive,
Houston, TX 77020, USA

has been assessed against the requirements of Annex I, Paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU and EN 764-5: 2014, Article 4.2, and conforms to the requirements for the products shown below:

Carbon, Stainless, Alloy Steel and Non-Ferrous Forgings
and Pipe Fittings
(see attached schedule)

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and EN 764-5: 2014, Article 4.2, and the on-going surveillance. Products are as detailed on the attached schedule.

Certificate No: 0343/PED/ROT/CHI1620140/1
Original Approval: 06 December 2016
Current Certificate: 24 December 2020
Certificate Expiry: 05 December 2022
LR NL Notified Body Number 0343



Gopal Nair on behalf of Lloyd's Register Nederland B.V.

This certificate transfers LRV Ltd. (UK Notified Body 0038) Certificate No 0038/PED/CHI1620140/1 issued on 23 October 2019 which is now under the responsibility of EU Notified Body No. 0343 (LRNL).

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CERTIFICATE OF QUALITY SYSTEM APPROVAL

CERTIFICATE 0038/PED/ROT/CHI1620140/1 SCHEDULE

**In accordance with the requirements of the Pressure Equipment
Directive 2014/68/EU**

**Pennsylvania Machine Works LLC
201 Bethel Avenue,
Aston, PA, 19014, USA**

**Location 1
US Drop Forge
1366 Auburn Road, Route 551,
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**Location 2
Penn Machine
315 North Wayside Drive,
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Products

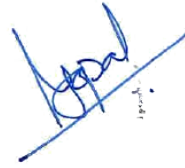
Aston, PA & Houston, TX

Material	Specification (All Grades)	Fitting Size Range
Carbon Steel	ASME/ASTM A105, A106, A234, A333, A350, A420, A694	1/8" thru 48" NPS
Low Alloy Steel	ASME/ASTM A182, A234, A276, A335, A473	1/8" thru 48" NPS
Stainless Steel	ASME/ASTM A182, A312, A403, A479, A790	1/8" thru 48" NPS
Aluminum Alloy	ASME/ASTM B221, B247	1/8" thru 48" NPS
Nickel Alloy	ASME/ASTM B160, B164, B165, B166, B167, B408, B425, B446, B462, B564, B511, B574, B637	1/8" thru 48" NPS
Copper-Nickel Alloy	ASME/ASTM B151, B466, MIL-C-15726, MIL-C-24679	1/8" thru 48" NPS
Titanium	ASME/ASTM B348, B381	1/8" thru 48" NPS
Bronze Alloy	ASME/ASTM B98, ASTM B283, B505	1/8" thru 48" NPS
Brass Alloy	ASTM B21, B283	1/8" thru 48" NPS

U.S. Drop Forge

Material	Specification (All Grades)	Forging Size Range
Carbon Steel	ASME/ASTM A105, A350, A694	½ LB thru 250 LBS
Low Alloy Steel	ASME/ASTM A182, A473	½ LB thru 250 LBS
Stainless Steel	ASME/ASTM A182, A479	½ LB thru 250 LBS
Aluminum Alloy	ASME/ASTM B247	½ LB thru 250 LBS
Nickel Alloy	ASME/ASTM B462, B511, B564, B637	½ LB thru 250 LBS
Copper-Nickel Alloy	MIL-C-24679	½ LB thru 250 LBS
Titanium	ASME/ASTM B381	½ LB thru 250 LBS
Bronze Alloy	ASME/ASTM B124, ASTM B283	½ LB thru 250 LBS
Brass Alloy	ASTM B21, B283	½ LB thru 250 LBS

Schedule Issue: 01
Date of Schedule Issue: 24 December 2020
LRV NL Body Number 0343



Gopal Nair on behalf of Lloyd's Register Nederland B.V.