

EU CERTIFICATE OF QUALITY SYSTEM APPROVAL

In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU and the Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105

This is to certify that the Quality Management System of:

**Quality Electric Steel Castings, Inc.
252 McCarty Dr.
Houston, TX 77029, USA**

Has been assessed against the requirements of Annex I, paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU, and Schedule 1, paragraph 4.3 of the Pressure Equipment (Safety) Regulations 2016 and conforms to the requirements for the products shown below:

Carbon, Low Alloy, Stainless Steel and Nickel-Base Steel Castings

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations and continuing to comply with the Lloyd's Register Quality Assurance, Inc., Certificate Number 0012085. Products are as listed on the attached schedule.

Certificate No: 0038/PED/PRJ11100267567/1
Original Approval: 19 June 2020
Current Certificate: 19 June 2020
Certificate Expiry: 18 June 2023

LRV Notified Body Number 0038



P. Mintzaridis on behalf of Lloyd's Register Verification

EU CERTIFICATE OF QUALITY SYSTEM APPROVAL CERTIFICATE 0038/PED/PRJ11100267567/1 SCHEDULE

**In accordance with the requirements of the Pressure Equipment
Directive 2014/68/EU and the Pressure Equipment (Safety)
Regulations 2016, UK Statutory Instrument 2016 No.1105**

**Quality Electric Steel Castings, Inc.
252 McCarty Dr.
Houston, TX 77029, USA**

Products

Specifications	Material Grades
ASTM/ASME A/SA-216	WCA, WCB, WCC
ASTM/ASME A/SA-217	WC1, WC4, WC5, WC6, WC9, CA15
ASTM/ASME A/SA-351	CF3, CF8, CF3M, CF8M, CF3MN, CF8C, CN7M, CG6MMN, CG8M, CF10SMnN, CG3M
ASTM/ASME A/SA-352	LCA, LCB, LCC, LC1, LC2, LC2-1, LC3, LC4, LC9, C5, C12, C12A, C6NM
ASTM/ASME A/SA-494	CZ100, M35-1, M30C, N12MV, N7M, CW12MW, CW6M, CW2M, CX2MW
ASTM A757	A1Q, C1Q
ASTM A743	CF3, CF8, CF3M, CF8M, CF3MN, CF8C, CN7M, CG6MMN, CG8M, CF10SMnN, CG3M, CA40, CA15
ASTM A744	CF3, CF8, CF3M, CF8M, CF3MN, CF8C, CN7M, CG8M, CG3M
ASTM/ASME A/SA-747	CB7Cu-1, CB7Cu-2
ASTM/ASME A/SA-487	1 CL A, 1 CL C, 4 CL A-E, 9 CL C, 10 CL A&B, 13 CL A&B, CA6NM CL A, CA6NM CL B
ASTM A915	SC4340
ASTM/ASME A/SA-995	1B CD4McuN, 2A CE8MN, 3A CD6MN, 4A CD3MN, 5A CE3MN, 6A CD3MWCuN
ASTM A890	1B CD4McuN, 2A CE8MN, 4A CD3MN, 5A CE3MN, 6A CD3MWCuN

Weight: 5 lbs to 20,000 lbs

Schedule Issue: 1
Date of Schedule Issue: 19 June 2020
LRV Notified Body Number 0038



P. Mintzaridis on behalf of Lloyd's Register Verification