

A legal entity within the United States, European Union (EU), and United Kingdom (UK) with competence demonstrated via ANAB accreditation as an ISO 9001 certification body with a scope of accreditation for the assessment of quality management systems of organizations which include the manufacture of materials and in the technology of the materials concerned, as specified in the scope below

-CERTIFIES-

Vulcan Threaded Products, Inc.

10 Crosscreek Trail Pelham, Alabama, 35124 United States

has implemented, operates and maintains a Management System in accordance with the requirements of

Pressure Equipment Directive (PED)

Annex I, Paragraph 4.3 of 2014/68/EU and the Pressure Equipment (Safety) Regulations (PER) 2016 Part 4 Materials, Clause 31.-(8)

Scope of PED/PER compliance:

Manufacture of threaded rods, specialty fasteners, cold drawn bars, wire and induction heat treated products.

Specifications: Material related to the following grades for Bar Diameters 3/8" - 4-1/2"

- ASTM A193 Gd B7, B7M, B8, B8M, B16
- ASME SA193 Gd B7, B7M, B8, B8M, B16 (ASME SA193 mirror copy of ASTM A193)
 - ASTM A320 Gd L7, L7M, L43
 - ASME A320 Gd L7, L7M, L43 (ASME SA320 mirror copy of ASTM A320)
 - ASTM A434 Gd BC and BD
 - ASTM A354 Gd BC and BD
 - ASTM A593 alloy group 1, 2, 3, and 5
 - ASTM F1554 Gd 36, 55, 105

Number: 022801-PED Date: 14-Feb-2025

Edward Maschmeier

Vice President of PRI Certification

161 Thorn Hill Road • Warrendale, Pennsylvania 15086-7527, USA Alexandra House, Ballsbridge, Dublin 4, Ireland, EU 1 York Street, London, W1U 6PA, UK

PRI Certification is a registered, duly licensed, operating "legal entity" in the EU and UK, and as such, is fully responsible for Management System Certificates bearing its U.S., Ireland, and London addresses for the purpose of satisfying the material manufacture requirements of the EU Pressure Equipment Directive and UK Pressure Equipment (Safety) Regulations. This certificate is valid and will remain in effect when accompanied by a valid ISO 9001:2015 registration certificate that bears PRI's Ireland and London addresses, as noted above.