Certificate No: LR2417716REP
Issue Date: 07/04/2024
Expiry Date: 06/04/2027

Certificate Of Thermal Spraying Approval

Manufacturer Metalock Engineering UK Ltd

Address Unit H5, Pilgrims Walk, Prologis Park, Coventry, West Midlands, CV6 4QG, United Kingdom

Process Flame

This certificate is issued to the manufacturer named above who has been approved in accordance with the requirements of Lloyd's Register for thermal spraying of components using the listed process in accordance with the approved configuration outlined below.

Scope of Approval

Wire Flame Spraying (Oxy-Acetylene) of ferrous alloy flange components to the following commercial product configuration:

Metco 405 (NiAl, Bond Layer) / Metco 2 (FeCr, Intermediate Layer) / Spraysteel 11 (Steel, Machinable Layer)

Lloyd's Register Repair Approval reference No. 073.

This approval is subject to compliance with the requirements of Lloyd's Register. Each application is to be separately approved by Lloyd's Register and carried out to the satisfaction of the Surveyor.

Lloyd's Register will consider thermal spraying for surfacing applications to improve resistance to wear and corrosion, and to restore worn or inaccurately machined parts to original dimensions. Approval is based, however, on the condition that no dependants is placed on the coating for tensile or torsional strength and that machined preparations do not reduce dimensions below Rule requirements.

Lloyd's Register is to be notified of any change of plant, formulation or quality control routines introduced during the validity of this Certificate.

This Certificate is issued to the above company and, subject to regular audits to ensure continued implementation of the thermal spraying procedures and quality system, is valid until the date given above.

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APPROVED

Clive Arnold

Metallurgy Team - Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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