

CERTIFICATE

of the manufacturer qualification acc. to DIN 2303

Q2	BK 1	189	2020
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The company

Responsive Engineering Ltd.
Armstrong Works, Scotswood Road
NE15 6U
Newcastle upon Tyne
United Kingdom

has shown on request and after a workshop inspection, that it fulfils the quality requirements of manufacturer and repair workshops for military products by welding / brazing / thermal spraying.

Based on this approval, the workshop is authorized to carry out relevant works on military products of

class Q1 - with general requirements
class Q2 - with special requirements

on the component class **BK 1** in the processes

111, 121, 131, 135, 136, 141, 783 (EN ISO 4063)

concerning the materials

DIN CEN ISO/TR 15608, group 1.1, 1.2 and 1.3 (e.g. S235, S355, S460)
DIN CEN ISO/TR 15608, group 3.1 and 3.2 (e.g. S690, S890)
DIN CEN ISO/TR 15608, group 8.1 (e.g. 1.4571)
DIN CEN ISO/TR 15608, group 10.1 and 10.2 (e.g. 1.4462, 1.4410)
DIN CEN ISO/TR 15608, group 22.4 (e.g. EN AW-5083)
DIN CEN ISO/TR 15608, group 23.1 (e.g. EN AW-6082)
Miilux 400

Welding supervisor: **Kenneth Simpson** born on: **1961-03-14** Qualification: **EWE**
 Deputy welding supervisor: **Philip Dodds** born on: **1961-04-18** Qualification: **EWS**

Issued at **Hamburg** on **2020-02-18**

Validity period:
2020-02-01 until **2023-01-31**

Approval Engineer: **Norbert Worm**



for **DNV GL**

Concerning the period of validity or the extension of the manufacturer qualification and the duty to notify DNV GL SE if the preconditions change under which the manufacturer qualification was granted, the statements given in DIN 2303 are to be observed. Additional requirements, if any, in the covering letter are to be observed. The latest edition of the General Terms and Conditions is applicable (see Chap. I - Ship Technology, Part 0 - Classification and Surveys). DNV GL SE; Registered Office Hamburg, HRB 115442.