DNV·GL

Certificate No:
TAW00001H2

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Gas combination

with trade name
SAFRA AlMg4,5Mn - ER 5183 / I1

Manufacturer
SAFRA S.P.A.
Travagliato BS, Italy

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	**5183**
Current	**DC +**
Approved diameter	**0,8 - 2,4mm**
Positions	**All, except vertical-down**
Remarks	**For gas metal inert gas welding of aluminium alloys**

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2021-05-08**.

Issued at **Hamburg** on **2016-05-09**

for **DNV GL**

DNV GL local station: **Milan**

Approval Engineer: **Hans-Joachim Vogt**

Thorsten Lohmann
Head of Section

Any significant change in design or construction may render this Certificate invalid.

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