



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAW00001ZE**  
Revision No:  
**2**

**This is to certify:**  
**that the Electrode**

with trade name  
**AS B-248**

Manufacturer  
**KAYNAK TEKNIGI SAN. VE TIC. A.S.**  
**Cayırova, Kocaeli, Türkiye**

is found to comply with  
**DNV rules for classification – Ships**  
**DNV class programme DNV-CP-0069 – Type approval – Welding consumables**

with this approval

<b>Grade</b>	<b>3 YH10</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>2.0 - 5.0mm</b>
<b>Positions</b>	<b>All, except vertical-downwards</b>
<b>Remarks</b>	<b>---</b>

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

Issued at **Hamburg** on **2024-07-04**

This Certificate is valid until **2029-06-24**.

DNV local unit: **Istanbul**

Approval Engineer: **Dietmar Liebich**

for **DNV**



Digitally Signed By:  
**Martin Wenning**  
Location: **DNV Hamburg,**  
**Germany**

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

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