

**TYPE APPROVAL CERTIFICATE****This is to certify:****That the Electrode**with trade name  
**Hoballoy 11018M**

Manufacturer

**Hobart Brothers Company Tubular Wire Business  
Troy OH, United States**is found to comply with  
**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

with this approval

<b>Grade</b>	<b>5 Y69H5</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>3.2 mm (1/8 in.)</b>
<b>Positions</b>	<b>Flat and overhead</b>
<b>Remarks</b>	<b>-</b>

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2017-04-06**This Certificate is valid until **2022-04-05**.DNV GL local station: **New York**Approval Engineer: **Maxim Bobrov**for **DNV GL**Digitally Signed By: **Gran, Terje**Location: **DNV GL Høvik, Norway**Signing Date: **06.04.2017**, on behalf of**Hanne Anita Hjerpetjønn  
Head of Section**