

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas/Backing combination**with trade name
DW-100E/C1/FB-B3

Manufacturer

Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka Pef, Japanis found to comply with
Det Norske Veritas' Rules for Classification PT.2

with this approval

Grade	III YMS
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat, horizontal and vertical
Remarks	One-side welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2019-06-28**.Issued at **Høvik** on **2015-06-29**DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Maxim Bobrov**

Hanne Anita Hjerpetjønn
Head of Section

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