



Folder: P261.1M  
DNV Job HAM-13-1117  
No.:

# DET NORSKE VERITAS

## RECOGNITION OF MANUFACTURER

*THIS IS TO state* that based on an Assessment by DNV the works of

**Salzgitter Mannesmann Grossrohr GmbH**  
**Salzgitter/Germany**

fulfills the Comprehensive Quality Requirements according to

**DNV Offshore Standard OS-B-101, OS-C-401 and OS-J-101**

Application:

**Fabrication and Testing of (Offshore) Structures**

Product:

**Large Diameter Spiral Welded Pipes**  
**- HTS Technology -**

Place and date  
Hamburg, 2013-07-18

Karsten Hahn  
Head of Section

This Document is valid until  
2017-06-30

For   
Stefan Öhlschläger  
Surveyor

Local Office  
DNV Hamburg

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



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### **Conditions for Recognition:**

The Society is to be informed about any change of plant, procedures, control routines, responsibilities and if the quality system certificate has expired or is cancelled.

For each specific project / delivery, a kick-off meeting (pre-production meeting) has to be held and an inspection and quality surveillance plan (test and inspection plan) needs to be established and agreed with DNV. The use of spiral welded pipes in offshore steel constructions is subject to special considerations in each case.

This Technology qualification is the process of providing the evidence that a technology will function within specified operational limits with an acceptable level of confidence.

Technology qualification Ref. Doc.: - DNV-RP-A203 "Qualification of New Technology" 2012-12

### **Basis for Recognition:**

This recognition is based on DNV MPQA Audit performed on 2013-06-11/13 at Salzgitter Mannesmann Grossrohr GmbH, Salzgitter/Germany  
Report no. MPQA-JVO-9 (DNV Hamburg job reference HAM-13-1117).

### **Recognition Retention Survey:**

This recognition will be valid for four years and can be renewed based on a renewal survey report issued by DNV after successful renewal audit. For this purpose the surveyor shall be given access to the manufacturer and relevant documents and records.