



we build cylinders for
 the **marine** and
 offshore customers



ISO 9001 : 2000 Cert.No. : 820812





APPROVED WELDING PROCEDURES

WPS
Welding Procedure Specification Form

WPS No. WPS-DEM-FC-008
Revision: 01

Material: 304L SS
Welding Process: SMAW

Welder: [Signature]
Date: [Date]



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TEST REPORT

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marine CLASS CYLINDER

features of marine class cylinder:

- Meeting various surveyor class
- Able to take care of corrosion environment by having special rod type and special epoxy coating on cylinder body



Our marine class cylinders had achieved recognition by prestigious surveyor like ABS, GL, BV, NK whom they confidently put their approval stamp on our cylinders.

PRO
BEST SERVICE



different types of marine use rods:

- **SUS 316L, SUS 431, 17-4PH, Nikrom, Ceramic, etc...**

We can also built sensors in the cylinders for reading stroke or both end positioning for marine application.



marine offshore-
Hatch cover cylinder, marine
cranes, A-frame cylinder,
brake and clutch cylinder for
winches, RTG port cranes,
Quay crane, cylinders for oil
exploration rig, Ro-Ro ramp,
steering cylinders etc.

**PROVIDING YOU WITH THE
SERVICES AND QUALITY**





Bi-metal piston rod with stainless steel + carbon steel



Piston rod with Nickel + Chrome plating



Ceramic coated piston rod



**CLASS APPROVED
DESIGN, QUALIFIED
AND APPROVED
WELDING PROCESS,
RECOGNIZED QMS
AND CERTIFIED
CYLINDER MAKING
FACTORY.**





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