



ISO 1:10

**EXAMINED**

Lloyd's Register

This plan has been examined and given the status as shown in the Design Appraisal Document (DAD) number below:

**CTS/H/1110604**

Date: 06 July 2015 Initials: HYZ

Marine, Copenhagen Technical Support Office  
Hull

Lloyd's Register EMEA

Note: Length X specified in order.

Tube  $\varnothing 546 \times 20$  DIN 17121. Material: S355J2H (St52-3N) EN 10025.  
Flange: Plate. Material S355J2+N (St52-3N) EN 10025.

All welds to be performed by certified welder, and according to DNV "Rules for Classification" Pt.3 Ch.1 Sec.12.

Surface treatment:  
Blast cleaning to Sa2.5 ISO 8501-1, excluding o-ring groove.  
Shop priming 1 x 20-30  $\mu\text{m}$  (Jotun Muki Z).

To be stamped with:  
Charge no.  
DNV approval.  
Other class approval.

Attachments:  
Material certificate 3.1 EN 10204.  
Welders approval certificate NS-EN ISO 17732.  
WPS (Welding Procedure Specification) DNV Certificate.  
NDT: 20% MT (Magnetic Particle Examination)  
DNV Product Certificate.  
Other Class Product Survey, if specified in order.

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A	1989.06.15	First Issue	BSm	BØJ	BSm
REV.	DATE	DESCRIPTION	Designed by	Checked by	Approved by
Material: -		Unless Otherwise Stated, Tolerances:			Class. Code
Surface Treatment: -		DIM.: ISO 2768-mK Threads: 6g/6H Surface: Ra 12.5			599
<b>Kongsberg Maritime AS</b> Subsea Division Horten - Norway		<b>Mounting Flange</b> DN500			Sheet
					1/1
Project / Product name HiPAP		Project number Drawing type Production			Size
					A3
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