



CHINA CLASSIFICATION SOCIETY

Plan Approval Comments

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Approval No.: NP20PPP03225

Attn to : Mann Teknik AB

Copy to: CCS Gothenburg Office

This is to certify that the drawings and documents submitted by your kind company have been reviewed and are found to comply with the relevant CCS requirements in item No.3. This approval covers only applicable CCS requirements to the products. Please see comments in item No.4 if any.

1. Product particulars:

Name of product:LNG Bunker transfer system control cabinets

Details refer to approved documents/drawings

2. Intended for:

Hull No.:G8500-1

Shipyard:Dalian Shipyard

3. Rules and /or Standard:

3.1 CCS Rules: Part 3 Chapter 2; Part 4 Chapter 1, 2 & Part7, Chapter 2 of Rules for Classification of Sea-going Steel Ships (2018) and its amendments;

3.2 CCS Rules: Chapter 10 &13 of Rules for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (2018) .

4. Comments:

/

5. Remarks:

/

6. Attachment:

Return list for drawings/documents of products.

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Examined by : Ding Wei/Shen Weijian Approved by:Feng Jianchun

Issued by : CCS Product Plan Approval Center

Date of issue : 2020-11-17

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RETURN LIST FOR DRAWINGS/DOCUMENTS OF PRODUCTS

Product: LNG Bunker transfer system control cabinets

No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
1	datasheet NOD box	6DL28041AD30		×	
2	tubing data	MS-01-107		×	
3	pipe fittings	ms-01-147		×	
4	Partlist L1005 with design specification -	1		×	
5	Partlist L1005 with design specification	Y-COL1005		×	
6	P&ID v2	DOC10050-TS	×		
7	Wireing and piping layout - L1005-v4	DOC10039 TS		×	
8	Technical specification	DOCM10004	×		
9	Control cabinet nitrogen	Y-N2L1005	×		
10	Component list control cabinet nitrogen	Y-N2L1005-C		×	
11	MANUAL NOD box	6DL28040AD30		×	
12	data sheet terminal box	000000000000008146619300		×	
13	data sheet terminal box	000000000000008118609300		×	
14	Electrical drawing L1005	DOC10044	×		
15	data sheet cable gland	000000000000008161615300		×	
16	Control cabinet nitrogen	Y-N2L1005-1		×	
17	PLC cabinet datasheet	Rittal AE		×	
18	data sheet stop plug	000000000000008290602300		×	
19	data sheet terminal box	30-0124		×	
20	data sheet terminal box	30-0095		×	
21	NOD box cabinet	30-0582-1	×		
22	data sheet terminal box	30-0454		×	
23	PLC cabinet	30-0581-1	×		

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24	data sheet terminal box	30-0106		×	
25	datasheet HMI	6AV21240MC010AX0		×	

Note: Mark of "×" in the column of "Approved" or "Noted" indicates that the drawing or document has been approved or noted by CCS, "Comment" indicates that there is comment on the drawing or document.