



# Certificate for Valve

(Also on behalf of LR for dual classification)

Certificate No : ATNEM-0049-17

Date of Issue	12 July 2017	Date of Commencement	24 May 2017
Work's Order No.	6315147/6315148/6315149	Purchase Order No.	196732 REV E PROJECT FG848
Place of Inspection	Kfar Hanassi, ISRAEL	Office	Athens Office
Manufacturer	Habonim Industrial Valves & Actuators		
Purchaser	CRYOSTAR SAS		

**This Certificate** is issued to the above client to certify that the undersigned Surveyor did at their request attend the above place for the purpose of examining and testing the item of material, equipment or any other item covered by this certificate in accordance with the relevant Rules for the Classification of the Ships and BS6364 and found it satisfactory.

Job ID. No.	HMDC6156	Quantity/Weight	6 Pc(s)
Intended for	Hull No. H6156, HYUNDAI MIPO DOCKYARD CO., LTD.		
Description	Cryogenic Ball Valves		
Approval Status	TA(ATN28941-VV003)		

**Particulars :**

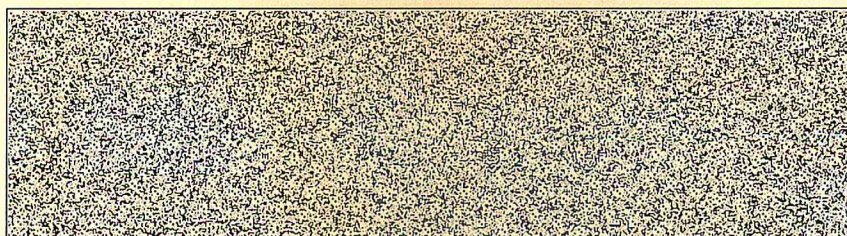
Type	Size	Mat. (Body,End,Bonnet)	Design Press.	Design Temp.	Class	Q'ty	Serial No.(s)
FC47W	0.5in	CF3M/CF8M	19 bar	-196°C	150	2	6315148/01,6315148/02
FC73W	0.5in	CF3M/CF8M	19 bar	-196°C	150	2	6315149/01,6315149/02
FC73W	1.5in	CF3M/CF8M	19 bar	-196°C	150	2	6315147/01,6315147/02

**Testing and Inspection :**

Material Test  
 Hydrostatic Test(T.P.:28.5 bar)  
 Seat and Stem Leakage Test(T.P.:20.9 bar)  
 Cryogenic Test(6315148/01, 6315149/01, 6315147/01)  
 Function and Performance Test  
 Finished Condition Inspection

**Marking, Serial No. and Remarks :**

XR ATNEM.0049. (1~6)  
 25.05.17  
 6315148/01,6315148/02,6315149/01,6315149/02,6315147/01,6315147/02



*This Certificate is a representation only that the item of material, equipment or any other item covered by this Certificate has been examined for compliance with the Rule Requirement of this Society. Nothing contained in this Certificate or in any Report issued in contemplation of this Certificate shall be deemed to relieve any customers of this Society or other entity of any warranty expressed or implied.*