Certificate for Valve

(Also on behalf of LR for dual classification)

Certificate No : ATNEM-0050-17

Date of Issue	12 July 2017	**Date of Commencement**	05 June 2017
Work's Order No.	6319389/6319398/6319405	**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)
FC28W	1.0in	316/316L	413 bar	-196℃	2500	2	6319389/01,6319389/02
FC28W ORF	0.5in	316/316L	413 bar	-196℃	2500	2	6319398/01,6319398/02
FC28W	0.5in	316/316L	413 bar	-196℃	2500	2	6319405/01,6319405/02

Testing and Inspection :

Material Test
Hydrostatic Test(T.P.:619.5 bar)
Seat and Stem Leakage Test(T.P.:454.3 bar)
Cryogenic Test (6319389/01, 6319398/01, 6319405/02)
Function and Performance Test
Finished Condition Inspection

Marking, Serial No. and Remarks :

KR ATNEM.0050.(1~6)
07.06.17
6319389/01,6319389/02,6319398/01,6319398/02,6319405/01,6319405/02

(1076 / Eleni Gkolfi)

KOREAN REGISTER