## INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	BHD.				Certificate No. 1020330282-022-01-01
DELIVER To								Date : 2020/06/04
JOB NAME								
JOB No.								
P.O.No.	AP0-2004	-0010						KIT2
PRODUCT CODE								
SPECIFICATION	 ∩N				MAIN	DADTO		
Manuf No.	10203302	82-022			No.		of parts	Material
Description		0 DUCTILE IR	ON GLOBE	VAI VF		BODY	or parts	Gr. 60-40-18
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	FLANGED		OLOBE	V/1EVE		BONNE	T	Gr. 60-40-18
Figure	150SPB2							
Size	2			inch(B)				
Quantity	5							
Valve No.								
Item No.	22							
Kiki No.								
TEST								
Pressure test	t Judge.	Inspection		and pressure	Item		Judge.	Attached sheet
Shell	Good	Hydro	2.6	MPa	Mater	ial	Good	Material Test Result
	Good	Air	1.8	MPa	Dimen	sion	Good	
Seat		Hydro	-		Visua	I	Good	
	Good	Air	0.6	MPa	Opera	tion	Good	
Back seat		Hydro	-					
		Air	-					
NONDESTRUCT	IVE EXAMIN	ATION					ı	
Type of exam	ination and	judgement		Attached she	eet			
DEMADIZE				l				
REMARKS	VE TECT DV '	IVDDAIII 10 CII	CII TEAT '	IAO DEEN DEDES	DMED			
KEPKESENTATI	AE LEST BY L	HYDRAULIC SH	ELL IESI I	HAS BEEN PERFOR	KMED			
							R. mi	Cyazawa RPORATION
							·	
	<u>.</u>	Witnessed	by			K	ITZ COR	RECRATION

## MATERIAL TEST RESULT

1020330282-022-01-01-21   Date : 2020/06/04   Date : 2020/06/06   Date : 2020/06/06
CB No.
Material   ASTM   A 395   Gr. 60-40-18
Total   Tota
1   138
DEMICAL COMPOSITION
A
CHEMICAL COMPOSITION %
Spec.   Min
3.00   2.50   0.080
1   3.61   2.59   0.021   0.26   2.60   0.019   0.29   3.61   2.60   0.019   0.29   3.61   2.60   0.019   0.29   3.61   2.60   0.019   0.29   3.61   2.60   3.61   2.60   3.61   2.60   3.61   2.60   3.61   2.60   3.61   2.60   3.61   2.60   3.61   2.60   3.61   2.60   3.61   3.61   2.60   3.61
1
Tensile str.   Vield str.   Elongation
Spec.
TENSION TEST
TENSION TEST
TENSION TEST
Tensile str. Yield str.   Elongation
Spec.   Min   Mi
1
2
tem Hardness Microstructure
Nit
Nit
187   90
2   143   90
A:Annealing T:Tempering Q:Quenching AC:Air Cooling
HEAT TREATMENT °C    Spec.
Spec.  1 2 2 3 4 4
1 2 2 3 4 4 N:Normalizing A:Annealing T:Tempering Q:Quenching AC:Air Cooling
3     4       4 N:Normalizing     A:Annealing       T:Tempering     Q:Quenching       AC:Air Cooling
4 N:Normalizing A:Annealing T:Tempering Q:Quenching AC:Air Cooling
REMARKS
* Every 0.01% P reduction enables 0.08% Si increase each within the maximum 2.75%. EN10204 Type 2.2
Reviewed by  Reviewed by  Reviewed by