INSPECTION CERTIFICATE

MESSRS	UNIMECH ENGINEERING (M) SDN. BHD.	Certificate No.
		1020330662-002-01-01
DELIVER To		Date : 2020/07/03
JOB NAME		
JOB No.		
P.O.No.	AP0-2004-0010	KITZ
PRODUCT CODE		

SPECIFICATION

Manuf No.	1020330662-002
Description	10K DUCTILE IRON GLOBE VALVE SCREWED ENDS
Figure	10SJ3/4
Size	3/4 inch(B)
Quantity	56
Valve No.	
Item No.	4
Kiki No.	

MAIN PARTS

No.	Name of parts	Material
001	BODY	Gr. 60-40-18
002	BONNET	Gr. 60-40-18

TEST

Pressure test	Judge.	Inspectio	on fluid a	nd pressure
Shell	Good	Hydro	2.1	MPa
	Good	Air	1.4	MPa
Seat		Hydro	-	
	Good	Air	0.6	MPa
Back seat		Hydro	-	
		Air	-	
			•	

Judge.	Attached sheet
Good	Material Test Result
Good	
Good	
Good	
	Good Good Good

NONDESTRUCTIVE EXAMINATION

Type of examination and judgement	Attached sheet

REMARKS

REPRESENTATIVE TEST BY HYDRAULIC SHELL TEST HAS BEEN PERFORMED

Witnessed by

R. Miyazawa KITZ CORPORATION QC Manager

We hereby certify that the articles listed above are satisfactory in accordance with the requirements of the standard and purchase order.

MATERIAL TEST RESULT

MESSRS		UNIMECH ENGINEERING (M) SDN. BHD.											Certificate No. 1020330662-002-01-01-Z1					
JOB NAME														ate :				
JOB No. P.O.No. PRODUCT CO	DDE	AP0-20	004-001	0												72	2	
-igure 1	00.10/	4								Value	No							
Materi	0SJ3/4		05 Cr	60 /	10 10					Valve Item		4						
Charge			Displa		10-10	Name o	f Par	ts										
1 139 2 13F 3 4						BODY BONNET	Γ											
CHEMICAL																		
Element (Spec.		Si *Max	P Max	Mn														
<u> </u>	3.00	2.50	0.080															
	3.62 3.61		0.018 0.019															
Element																		
Spec.																		
1 2 3																		
4 TENSION	TEST											TEST						
Item	ILUI			Ter	sile str	.Yield st	tr. El	ongation				TEST						
Jnit Spoo				MP M :		MPa	%											
Spec.				Mi 41		Min 275	1	in 8										
1 2 3 4				42 43		281 282	2 2											
	dness	Micros	tructure							I			-	 			1	
Jnit HBW		%																
Spec. 143 187		Min 90																
1 143 2 143 3 4		90 90																
HEAT TREA	AT <u>ME</u> N	г <u>°</u> С		•										•				
Spec.																		
1 2 3 4																		
N:Norma WQ:Wate				nnealir Dil Oue	ng enching			bering ter Cooli	na		uenchir Furnac	ng e Coolin		AC:Air) reatmen		
REMARKS		Jinny	04.		Juoning				'' ' 9	FU.	urriaŭ		9	51.001		Gatilell		
* Every 0 EN10204 T	.01% F ype 2.	reduc 2	tion e	nables	0.08%	Si inc	rease	each wi	thin t	he max	kimum :	2.75%.						

Reviewed by

R. Miyazawa

KITZ CORPORATION QC Manager

We hereby certify that the articles listed above are satisfactory in accordance with the requirements of the standard and purchase order.