

INSPECTION CERTIFICATE

MESSRS	UNIMECH ENGINEERING (M) SDN. BHD.
DELIVER To	
JOB NAME	
JOB No.	
P.O.No.	APO-2004-007
PRODUCT CODE	(TR)SZA<ZOP02>1/4

Certificate No.
1020329222-001-01-01

Date : 2020/07/21

KITZ

SPECIFICATION

Manuf No.	1020329222-001
Description	TYPE 600 FORGED BRASS BALL VALVE SCREWED ENDS
Figure	SZA<ZOP02>1/4
Size	1/4 inch(B)
Quantity	240
Valve No.	
Item No.	1
Kiki No.	

MAIN PARTS

No.	Name of parts	Material
001	BODY	C 3771 BE
002	BODY CAP	C 3771 BE

TEST

Pressure test	Judge.	Inspection fluid and pressure		
Shell	Good	Hydro	6.18	MPa
	Good	Air	0.6	MPa
Seat		Hydro	-	
	Good	Air	0.6	MPa
Back seat		Hydro	-	
		Air	-	

Item	Judge.	Attached sheet
Material	Good	Material Test Result
Dimension	Good	
Visual	Good	
Operation	Good	

NONDESTRUCTIVE EXAMINATION

Type of examination and judgement	Attached sheet

REMARKS

REPRESENTATIVE TEST BY HYDRAULIC SHELL TEST HAS BEEN PERFORMED

Witnessed by

K. Kawate
KITZ CORPORATION
QC Manager

MATERIAL TEST RESULT

MESSRS	UNIMECH ENGINEERING (M) SDN. BHD.
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Certificate No.
1020329222-001-01-01-Z1

Date : 2020/07/21



Figure	SZA<ZOP02>1/4	Valve No.	
Material	JIS H 3250 C 3771 BE	Item No.	1
Charge No.	Display No.	Name of Parts	
1 270219		BODY	
2 H198093		BODY CAP	
3			
4			

CHEMICAL COMPOSITION %

Element	Cu	Pb													
Spec.	57.0	1.0													
	61.0	2.5													
1	59.0	1.8													
2	58.9	2.2													
3															
4															
Element	Fe+Sn		Zn												
Spec.	Max		Remainder												
	1.0														
1	0.3		REM.												
2	0.3		REM.												
3															
4															

TENSION TEST

IMPACT TEST

Item		Tensile str.	Elongation						
Unit		N/mm2	%						
Spec.		Min	Min						
1		434	33						
2		471	24						
3									
4									

Item									
Unit									
Spec.									
1									
2									
3									
4									

HEAT TREATMENT °C

Spec.				
1				
2				
3				
4				

N:Normalizing A:Annealing T:Tempering Q:Quenching AC:Air Cooling
 WQ:Water Quenching OQ:Oil Quenching WC:Water Cooling FC:Furnace Cooling ST:Solution Treatment

REMARKS

JIS G 0415 2.2

Reviewed by _____

KITZ CORPORATION
QC Manager