

CUSTOMER : Unimech Engineering (M) Sdn Bhd

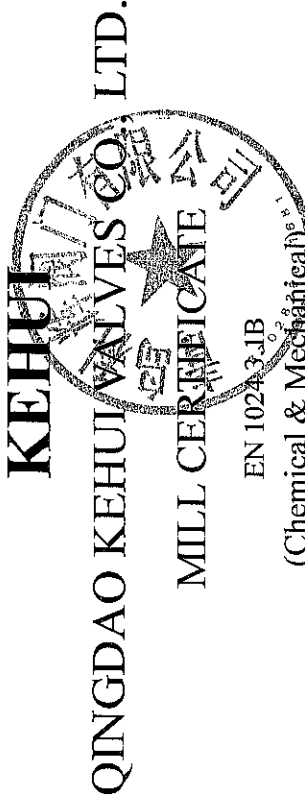
Report No : KW211206-005

Nomenclature : CAST IRON GLOBE SDNR VALVE,
F7353 5K

Material : FC200

P/O No. : ZPO-2107-0031

Date : 2021-12-10



EN 10243 JB

(Chemical & Mechanical)

HEAD OFFICE & PLANT
Xingjialing Village, Tongji, Jimo
Qingdao, China

NO	SIZE OF TEST PIECE				MECHANICAL PROPERTIES				CHEMICAL COMPOSITION (%)						ITEM & SIZE		HEAT NO.
	DIA (mm)	G/L (mm)	S/A (mm ²)	T/S (N/mm ²)	Y/P (N/mm ²)	ELONGATION (%)	R/A	C	Mn	P	S	Si	ITEM & SIZE		Q'TY		
ST'D	14.0	50.0	153.9	200min				3-3.6	0.6-1.0	<0.15	<0.12	1.4-2.0					
1	14.2	50.0	153.9	300				3.20	0.78	0.080	0.080	1.63	5K-65		20	2102	
2	14.2	50.0	153.9	300				3.20	0.78	0.080	0.080	1.63	5K-80		10	2102	
													TOTAL		30		
BENDING TEST	HARDNESS TEST (HB)				IMPACT TEST (Charpy) N/mm ²						Others:						
KIND	RESULT					1	2	3	AV.								
HYDRAULIC TEST																	
BODY: <u>10.5 kgf/cm²</u>																	
SEAT: <u>7.7 kgf/cm²</u>																	
We hereby certify that the material described herein has been satisfactorily tested as above in accordance with the specification.																	