CUSTOMER: Unimech Engineering (M) Sdn Bhd	**KEHUI** QINGDAO KEHUI VALVES CO., LTD. MILL CERTIFICATE EN 10204 3.1B (Chemical & Mechanical)	**HEAD OFFICE&PLANT** Xinjialing Village,Tongji,Jimo
Report No : KW210202-010		
Nomenclature: CAST STEEL GLOBE VALVE, F7311 5K		
Material : SC480		
P/O No. : ZPO-2010-0033		
Date : 2021-2-2		

NO	SIZE OF TEST PIECE			MECHANICAL PROPERTIES				CHEMICAL COMPOSITION(%)						ITEM&SIZE	Q'TY	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				
ST'D	14.0	50.0	153.9	480min	245min	17min	25%min	0.4max	-	0.04max	0.04max					
1	14.2	50.0	153.9	500	300	28	30	0.300		0.029	0.030			5K-80	4	SX202
														TOTAL	4	

BENDING TEST		HARDNESS TEST(HB)	IMPACT TEST (Charpy) N/mm^2			
KIND	RESULT		1	2	3	AV.

Others:

HYDRAULIC TEST BODY: 10.5 kgf/cm^2 SEAT: 7.7 kgf/cm^2	We hereby certify that the material described herein has been satisfactorily tested as aboves in accordance with the specification.	