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 Qingdao,China
Report No : KW211206-009		
Nomenclature: CAST STEEL GLOBE SDNR VALVE, F7471 10K		
Material : SC480		
P/O No. : ZPO-2017-0031		
Date : 2021-12-06		

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			10K-50	8	ZY01
														TOTAL	8	

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

HYDRAULIC TEST BODY: 21 kgf/cm^2 SEAT: 15.4 kgf/cm^2	We hereby certify that the material described herein has been satisfactorily tested as above in accordance with the specification.	