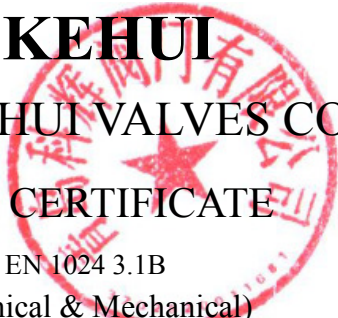


CUSTOMER : Unimech Engineering (M) Sdn Bhd				 KEHUI QINGDAO KEHUI VALVES CO.,LTD. MILL CERTIFICATE EN 1024 3.1B (Chemical & Mechanical)										HEAD OFFICE&PLANT Xingjialing Village,Tongji,Jimo		
Report No : 20181130-012																
Nomenclature :CAST IRON SDNR GLOBE VALVE , F7375 10K																
Material : FC200																
P/O No. : ZPO-1808-0043																
Date : 30-Nov-18																
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	200min				3-3.6	0.6-1.0	≤0.15	≤0.12	1.4-2.0				
1	14.2	50.0	153.9	240				3.20	0.78	0.079	0.080	1.65		10K-80A	5	1803
2	14.2	50.0	153.9	235				3.12	0.80	0.081	0.078	1.66		10K-80A	1	1503
														TOTAL	6	
BENDING TEST		HARDNESS TEST(HB)		IMPACT TEST (Charpy) N/mm ²				Stamp:								
KIND	RESULT															
				1	2	3	AV.									
HYDRAULIC TEST BODY: 15 kgf/cm ² SEAT: 11 kgf/cm ²				We hereby certify that the material described herein has been satisfactorily tested as aboves in accordance with the specification.												