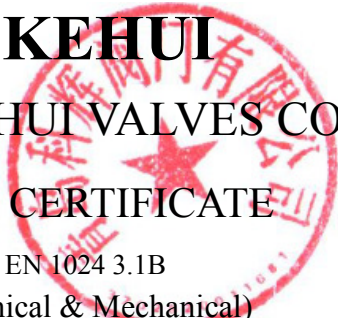


CUSTOMER : Unimech Engineering (M) Sdn Bhd				 KEHUI QINGDAO KEHUI VALVES CO., LTD. MILL CERTIFICATE EN 1024 3.1B (Chemical & Mechanical)										HEAD OFFICE&PLANT Xingjialing Village,Tongji,Jimo		
Report No : 20181130-005																
Nomenclature :CAST IRON WATER FILTER F7121, 5K																
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	250				3.20	0.79	0.080	0.079	1.65		5K-40A	3	H1807
2	14.2	50.0	153.9	245				3.14	0.81	0.078	0.080	1.67		5K-65A	2	1807
														TOTAL	5	
BENDING TEST		HARDNESS TEST(HB)		IMPACT TEST (Charpy) N/mm ²				Stamp:								
KIND	RESULT															
				1	2	3	AV.									
HYDRAULIC TEST																
<u>BODY: 7.5 kgf/cm²</u> <u>SEAT: 5.5 kgf/cm²</u>				We hereby certify that the material described herein has been satisfactorily tested as aboves in accordance with the specification.												