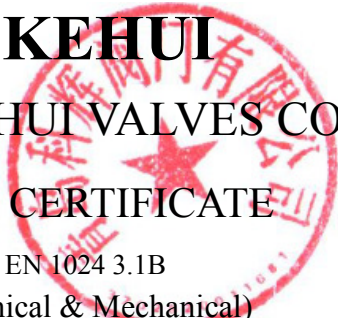


CUSTOMER : Unimech Engineering (M) Sdn Bhd				 KEHUI QINGDAO KEHUI VALVES CO., LTD. MILL CERTIFICATE EN 1024 3.1B (Chemical & Mechanical)										HEAD OFFICE&PLANT Xingjialing Village,Tongji,Jimo		
Report No : 20181130-006																
Nomenclature :CAST IRON GATE VALVE , F7363 5K																
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	240				3.20	0.78	0.079	0.080	1.65		5K-50A	27	1803
2	14.2	50.0	153.9	240				3.20	0.78	0.079	0.080	1.65		5K-65A	20	1803
3	14.2	50.0	153.9	240				3.20	0.78	0.079	0.080	1.65		5K-80A	24	1803
4	14.2	50.0	153.9	240				3.20	0.78	0.079	0.080	1.65		5K-100A	3	1803
5	14.2	50.0	153.9	240				3.20	0.78	0.079	0.080	1.65		5K-125A	6	1803
														TOTAL	80	
BENDING TEST		HARDNESS TEST(HB)		IMPACT TEST (Charpy) N/mm ²				Stamp:								
KIND	RESULT															
				1	2	3	AV.									
HYDRAULIC TEST BODY: 7.5 kgf/cm ² SEAT: 5.5 kgf/cm ²				We hereby certify that the material described herein has been satisfactorily tested as aboves in accordance with the specification.												