



Kingdom FLOW CONTROL CO., LTD.

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Purchaser: G.C. SUPPLIES UK LTD.

Date: Feb. 19, 2025

C.No.: DC20250135

Mill Test Certificate

Mfg No.		Product & Size				Manufacturing Spec.		
26211		150# Stainless Steel Pipe Fittings 1/4"~4"				Investment Casting (Lost Wax)		
Quantity		Specification of Materials				Hardness		
10,730 pcs (1,968.92 kgs)		CF8M				CF8M 162 HB		
Dimensional Inspection		Specification of Threads				Visual Examination		
ISO 4144		ISO7/1R ISO7/1Rp NPT				Good		
Casting Material Designation	Chemical Composition (%)							
	C	Si	Mn	P	S	Ni	Cr	Mo
	0.08 Max	1.50 Max	1.50 Max	0.040 Max	0.040 Max	9.0~12.0	18.0~21.0	2.0~3.0
CF8M	0.0430	1.097	0.978	0.0350	0.0130	9.32	18.45	2.07
Casting Material Designation	Yield Strength		Tensile Strength			Elongation		
CF8M	205 MPa Min		485 MPa Min			30.0 % Min		
	354 MPa		571 MPa			48.0%		

We hereby certify that product described therein has been manufactured in accordance with the specification concerned and also with the order contracts agreed by Seller and Buyer and that the test results shown herein are correct, and the product has passed QA inspection and is approved for release.

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Mfg No.		Product & Size					Manufacturing Spec.	
26211		150# Stainless Steel Pipe Fittings 1/4"~4"					Investment Casting (Lost Wax)	
Quantity		Specification of Materials					Hardness	
7,083 pcs (1,406.62 kgs)		CF8M					CF8M 165 HB	
Dimensional Inspection		Specification of Threads					Visual Examination	
ISO49-1994(E)		ISO7/1R ISO7/1Rp NPT ISO228					Good	
Casting Material Designation	Chemical Composition (%)							
	C	Si	Mn	P	S	Ni	Cr	Mo
	0.08 Max	1.50 Max	1.50 Max	0.040 Max	0.040 Max	9.0~12.0	18.0~21.0	2.0~3.0
CF8M	0.0480	1.23	0.846	0.0340	0.0130	9.30	18.53	2.09
Casting Material Designation	Yield Strength			Tensile Strength			Elongation	
CF8M	205 MPa Min			485 MPa Min			30.0 % Min	
	346 MPa			582 MPa			42.0%	

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