



**CHEMICAL ANALYSIS OF MATERIAL CERTIFICATE
INSPECTION CERTIFICATE
EN 10204 3.1B**

Client: CUSTOMER NAME

Valve Types: y type strainer

Page: 1/1

Project: BE1328

Order No.: WM001

Date: 8th-June-2010

Item No.	Qty	Type	Class(LB)	Size	Material					Hydrostatic Test				Air Test		Type	Temp (°C)	Result	
					Body/Bonnet	Screen	Seat	Disc	Bolts/Nuts	Body (MPA)	Duration time(s)	Seat/Back Seat (MPA)	Duration time(s)	Seal (MPA)	Duration time(s)				
1	2	Strainer	150LB	2"	WCB	SS304			B7/2H	3.0	120	2.2	60	0.6	120	API 598	35	OK	
2	2	Strainer	150LB	4"	WCB	SS304			B7/2H	3.0	120	2.2	60	0.6	120	API 598	35	OK	
3	10	Strainer	150LB	8"	WCB	SS304			B7/2H	3.0	120	2.2	60	0.6	120	API 598	35	OK	
Item No.	Series No. Valve Type	Name of Parts	Heat No.	Chemical Analysis(%)											Mechanical Properties				
				C	Mn	P	S	Si	Cr	Mo	Ni	Cu	V	Nb	Tensile Strength (MPA)	Mechanical Properties Yield Point (MPA)	Elongation (%)	R.A (%)	Hardness(HB)
1	2" Strainer	BODY	8678	0.205	0.730	0.028	0.027	0.042	0.027	0.001	0.027	0.039	0.001		514	276	26	37	
		BONNET	8678	0.205	0.730	0.028	0.027	0.042	0.027	0.001	0.027	0.039	0.001		514	276	26	37	
2	4" Strainer	BODY	8678	0.205	0.730	0.028	0.027	0.042	0.027	0.001	0.027	0.039	0.001		514	276	26	37	
		BONNET	8678	0.205	0.730	0.028	0.027	0.042	0.027	0.001	0.027	0.039	0.001		514	276	26	37	
2	8" Strainer	BODY	8678	0.205	0.730	0.028	0.027	0.042	0.027	0.001	0.027	0.039	0.001		514	276	26	37	
		BONNET	8678	0.205	0.730	0.028	0.027	0.042	0.027	0.001	0.027	0.039	0.001		514	276	26	37	

DESIGN AND MANUFACTURING CONFORM TO API600, TESTING ACCORDING TO API598.

Remarks: We hereby certify that the material described above has been tested and complies with the terms of the order contract.