

<b>SERVICE:</b> Recycle Gas	<b>CLASS:</b> FC <b>PAGE</b> 1 OF 3
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<b>RATING:</b> CLASS 600	<b>CORROSION ALLOWANCE:</b> 0.125 Inch
<b>FACING:</b> RTJ	<b>PRESSURE LIMIT:</b> 850 PSIG
<b>MATERIAL:</b> 1-1/4 Cr	<b>TEMPERATURE LIMIT:</b> -20°F - 680°F

ITEM	SIZE	DESCRIPTION	NTSI	REV
VALVES --GATE -- GLOBE -- CHECK	3/4"- 1-1/2" 1/2"- 1-1/2" 3/4"- 2" 3"- 8" 10"- 24" 3/4"- 1-1/2" 2 1/2" 4" 3/4"- 1-1/2" 2"- 12"	1. Gate, Globe, and Check Stellite 12 Cr Trim with Graphitic Packing (non Asbestos) unless otherwise specified. 2. Gate, Globe, and Check valves 3- inch and larger shall be forged alloy with pressure seal bonnet design. 3. Orbit valves shall have Manufac- turer's standard trim and packing. 4. All piping welds over 1/2" thick shall be stress relieved. 800# 1-1/4 Cr SW VOGT #SW-	V1 v21	1 1 1

<b>REFINING &amp; MARKETING</b>	<b>UNIT</b> DIESEL HDS	<b>REV</b> 1
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<b>SERVICE:</b> Recycle Gas	<b>CLASS:</b> FC <b>PAGE</b> 2 OF 3
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ITEM	SIZE	DESCRIPTION	NTSI	RE V
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PIPE NIPPLE S FITTING GS!	3/4" - 1-1/2" " " 10 2 - 10 12" - 24" 1/2" 1-1/2" -	Smls 1-1/4 Cr ASTM A335 Gr P11 Sch 160 XS Sch 60 XXS Smls 1-1/4 Cr ASTM A335 Gr P11 TBE 3"		
	1/2" 1-1/2" J - 2" 10" 1 2" 24" - 1/2" 1-1/2" I -	Long TBE 6 " Long TOE 3" Long TOE 6" Long PBE 3" Long PBE 6 " Long 6000# 1-1/4 Cr ASTM A182 Gr F11 Cap		
		goo Elbow 45° Elbow Tee Sockolet Elbolet Coupling Union Cap, Scrd Thredolet Elbolet, Scrd Plug, Round Solid, Scrd 1-1/4 Cr Buttwelding ASTM A234 Gr WP11 XS Sch 60 Cap goo LR Elbow 45° Elbow Tee Weldolet, ASTM A182 Gr F11 Cone Reducer Ecc Reducer Elbolet, ASTM A182 Gr F11 Cone Swage BBE SCH 160 BLE/TSE XXS TLE/BSE XXS TBE XXS	F2 F1	
REFINING & MARKETING		UNIT DIESEL HOS	REV 0	
SERVICE: Recycle Gas			CLASS: FC PAGE 3 OF 3	

ITEM	SIZE	DESCRIPTION	NTS	RE'
	1/2" 1- - 1/2"	Ecc Swage <sup>BBE</sup> SCH 160 <sup>BLE/TSE</sup> <b>XXS</b> <sup>TLE/BSE</sup> <b>XXS</b> <sup>TBE</sup> <b>XXS</b> F1 - Use only for temperature connection F2 - Use only for unvalved vents and drains.		
BRANCH CONNECTIONS		Refer to Para 6.6 Branch Connections		
PIPE INSTR CONNECTIONS		Primary Instr Conn's to Piping Temperature Conn's-----1-1/2'' Flgd Pressure Conn's-----3/4'' SW Orifice Tap Conn's-----1/2'' Scrd		
EQUIP. CONNECTIONS		Vessel & Exchanger Instrument Conn's Table I		
FLANGES          ORIFICE FLANGES	3/4"- 1-1/2" 2"- 10" 12" 24" 3/4"- 24"   2"- 16"	600# 1-1/4 Cr RTJ ASTM A182 Gr F11 SW (Sch 160 Bore) <sup>WN</sup> (XS Bore) <sup>WN</sup> (Sch 60 Bore) Blind 600# 1-1/4 Cr RTJ ASTM A182 Gr F11 w/ <sup>WN</sup> Scrd Taps Slip-on		
GASKETS	3/4"- 24" 2" 16"	5Cr - 1/2 Mo Oval Ring per ANSI <sup>B16.34</sup> Parker style P-950 or Equal. 600# 600# for Orifice Flanges		
BOLTS		Stud Bolts ASTM A193 Gr B7 w/2 Hvy		

3/4" 24"  
2" 16"

Nuts ASTM A194 Gr 2H 600#  
600# for orifice Flanges

REFINING & MARKETING

UNIT

DIES  
EL  
HES

**REV**

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