

Equipment Specification List

Estimating

Building, Heat Enclosures & Skid Details



Client:	Crimtech Stock		Project Title:	Crimtech – Natural Gas Metering Building			
Project No.:	P3321-54	Client No:	-	Date:	11/21/2018	Revision:	0
	(Project No.)		(AFE or PO Number)		(MM/DD/YYYY)		

Building	<ul style="list-style-type: none"> • Size/Type: 6'W x 8'H x 4'L enclosure style foam panel building. • Panels: Galvalume exterior/galvalume interior. • Doors: One (1) 3' x 7' Man door c/w 16"x16" window, check chain and panic hardware. • Ventilation: One (1) 12" x 12" c/w manual damper, One (1) 10" x 10" c/w manual damper
Heater (BH-201)	<ul style="list-style-type: none"> • 12x24 WX Series Cata-Dyne Explosion Proof Heater • 12,000 BTU/HR • 12 VDC preheat elements • Grill, protection 12x24 snap-on
Meter Run (FE-101)	<ul style="list-style-type: none"> • 2" NUFLO Single Chamber Meter Run • Body Material: WCB • ANSI Rating: 300 • Threaded body configuration • Line Bore: 1.939" I.D. 2" Schedule 80 • Taps: ½" FNPT (2 per side) • AGA Configuration: 3 (2000) • Downstream Outlets: 1/2", 3/4" 3M A105-N T.O.L.'s
Fuel Gas Dryer (FIL-201)	<ul style="list-style-type: none"> • NGS 1000 Natural Gas Scrubber • MODEL: NGS-12 • CRN Certified (#0H6573.213) to 250PSI and 200°F • Size 12, 25SCFM, Inlet/Outlet 3/4" NPT
Methanol Pump (P-100)	<ul style="list-style-type: none"> • CVS Series 51 Chemical Injection Pump • Model No. 51 – ¼ MVB • Discharge Pressure. 1500 PSI Max • Supply Pressure. 35 PSI Max
Fuel Gas Scrubber (V-201)	<ul style="list-style-type: none"> • GlobalFlow • 4 1/2" OD x 48" S/S • MAWP: 740 PSI @ 100°F • Shell Material: SA106B, 0.237" Thk • Head Material: SA234-WPB, 0.207" Thk • C.A.: 0.0625"
Methanol Tank (TK-100)	<ul style="list-style-type: none"> • Clemmer aboveground utility tank • Net Capacity: 2200L • Single Wall • Combination Fill and Vent cap
Ball Valve	<ul style="list-style-type: none"> • Nutron, 2in 3000lb, THRD, Ball Valve, T3R20S30BZ • Nutron, 1in 3000lb, THRD, Ball Valve, T3R10S30BZ • Nutron, 1/2in 3000lb, THRD, Ball Valve, T3F05S30B7
Needle Valves	<ul style="list-style-type: none"> • Anderson Greenwood Hand Valve • 1/4" M x 1/4" F • H5RDC - 22

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Needle Valves	<ul style="list-style-type: none"> • Anderson Greenwood Hand Valve • 1/4" F x 1/4" F • H5RIC - 2
Choke Valve (HCV-101)	<ul style="list-style-type: none"> • Master Flo, P1E Choke Valve • Inlet Flange: 2 NPT 5000 WOG • Outlet Flange: 2 NPT 5000 WOG • Pressure Rating: 5000 PSI • Temperature Rating/API: -20°F to 250°F
Check Valve	<ul style="list-style-type: none"> • Wheatly Check Valve • 2 NPT 2000 WOG
Pressure Gauge (PI-201)	<ul style="list-style-type: none"> • Winters Pressure Gauge • 0-100 PSI
Level Gauge (LI-100)	<ul style="list-style-type: none"> • Louvers & Gauges • Greschner Sight/Rate Gauge • 4' LONG
Pressure Regulator (PCV-201)	<ul style="list-style-type: none"> • Fisher 627 Series • Body Style: 1" NPT End Connections • Maximum Inlet Pressure: 2000 psig/138 bar • Outlet Pressure Range: 70-150 psig • Pressure Registration: Type 627 • Orifice: 1/8 • Trim: Alum
Pressure Regulator (PCV-204)	<ul style="list-style-type: none"> • Fisher 67C Series • 67CFR With Filter and Soft Seat Internal Relief • Body Style and End Connection: 1/4" NPT • Maximum Inlet Pressure: 250 psig/17.2 bar • Spring Range: 0-35 psig
Pressure Safety Valve (PSV-101)	<ul style="list-style-type: none"> • Swagelok • 1/4 NPT • Range 50-350 PSI • SET @ 160 PSI High • 633568001 SS-4R3AS-EP