

Equipment Specification List

Estimating

Building, Heat Enclosures & Skid Details



Client:	Crimtech Stock		Project Title:	Crimtech – Natural Gas Metering Building			
Project No.:	P3321-42	Client No:	-	Date:	11/28/2018	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'-6"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: Two (2) 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: 1.940" 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 • Year: 2008
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 • Serial No.: P16314
Fuel Gas Scrubber (V-201)	<ul style="list-style-type: none"> • MFR: GlobalFlow • Size: 4 1/2" OD x 48" S/S • MAWP: 740 PSI @ 100°F • Shell Material: SA106B, 0.207" Thk • Head Material: SA234-WPB, 0.207" Thk • C.A.: 0.0625"
Methanol Tank (TK-100)	<ul style="list-style-type: none"> • MFR: Clemmer aboveground utility tank • Net Capacity: 2200L • Single Wall • Combination Fill and Vent cap • Year: 2008
Ball Valves	<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, T3F05S30BZ • Nutron, 1/4in 3000lb, THRD, Ball Valve, T3F02S30BZ • Navco, 1in 3000lb, THRD, Ball Valve, T3F05S30BZ

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Needle Valves	<ul style="list-style-type: none"> Anderson Greenwood Hand Valve 1/4" M x 1/4" F H5RDC - 22
Needle Valves	<ul style="list-style-type: none"> Anderson Greenwood Hand Valve 1/4" F x 1/4" F H5RIC - 2
Globe Valve	<ul style="list-style-type: none"> Navco Globe Valve 1 NPT 800 NPI GLR10S08A81A
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 Switch (PSHL-100)	<ul style="list-style-type: none"> Bettis Pressurematic Model: PAR-2200C Range: 20-200 PSIG
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

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Pressure Safety Valve (PSV-201)	<ul style="list-style-type: none">• Taylor Valve• 1 NPT Threaded• SET @ 160 PSIG High
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