

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: 1/2" 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 – 1/4 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

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)		

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