

# Equipment Specification List

Estimating

Building, Heat Enclosures & Skid Details



Client:	<b>Crimtech Stock</b>		Project Title:	<b>Crimtech – Natural Gas Metering Building</b>			
Project No.:	<b>P3321-50</b>	Client No:	-	Date:	<b>11/28/2018</b>	Revision:	<b>0</b>
	(Project No.)		(AFE or PO Number)		(MM/DD/YYYY)		

<b>Building</b>	<ul style="list-style-type: none"> <li>• Size/Type: 6'W x 8'H x 4'-6"L enclosure style foam panel building.</li> <li>• Panels: Galvalume exterior/galvalume interior.</li> <li>• Doors: One (1) 3' x 7' Man door c/w 16"x16" window, check chain and panic hardware.</li> <li>• Ventilation: Two (2) 10" x 10" c/w manual damper</li> </ul>
<b>Heater (BH-201)</b> <i>*not attached</i>	<ul style="list-style-type: none"> <li>• 12x24 WX Series Cata-Dyne Explosion Proof Heater</li> <li>• 12,000 BTU/HR</li> <li>• 12 VDC preheat elements</li> <li>• Grill, protection 12x24 snap-on</li> </ul>
<b>Meter Run (FE-101)</b>	<ul style="list-style-type: none"> <li>• 2" NUFLO Single Chamber Meter Run</li> <li>• Body Material: WCB</li> <li>• ANSI Rating: 300</li> <li>• Threaded body configuration</li> <li>• Line Bore: 1.940" I.D. 2" Schedule 80</li> <li>• Taps: ½" FNPT (2 per side)</li> <li>• AGA Configuration: 3 (2000)</li> <li>• Downstream Outlets: 1/2", 3/4" 3M A105-N T.O.L.'s</li> <li>• Year: 2008</li> </ul>
<b>Fuel Gas Dryer (FIL-201)</b>	<ul style="list-style-type: none"> <li>• NGS 1000 Natural Gas Scrubber</li> <li>• MODEL: NGS-12</li> <li>• CRN: Certified (#0H6573.213) to 250PSI and 200°F</li> <li>• Size: 12, 25SCFM, Inlet/Outlet 3/4" NPT</li> </ul>
<b>Methanol Pump (P-100)</b>	<ul style="list-style-type: none"> <li>• CVS Series 51 Chemical Injection Pump</li> <li>• Model No.: 51 – ¼ MVB</li> <li>• Discharge Pressure: 1500 PSI Max</li> <li>• Supply Pressure: 35 PSI Max</li> <li>• Serial No.: P16390</li> </ul>
<b>Fuel Gas Scrubber (V-201)</b>	<ul style="list-style-type: none"> <li>• MFR: GlobalFlow</li> <li>• Size: 4 1/2" OD x 48" S/S</li> <li>• MAWP: 740 PSI @ 100°F</li> <li>• Shell Material: SA106B, 0.207" Thk</li> <li>• Head Material: SA234-WPB, 0.207" Thk</li> <li>• C.A.: 0.0625"</li> </ul>
<b>Methanol Tank (TK-100)</b>	<ul style="list-style-type: none"> <li>• MFR: Clemmer aboveground utility tank</li> <li>• Net Capacity: 2200L</li> <li>• Single Wall</li> <li>• Combination Fill and Vent cap</li> <li>• Year: 2008</li> </ul>
<b>Ball Valves</b>	<ul style="list-style-type: none"> <li>• Nutron, 2in 3000lb, THRD, Ball Valve, T3R20S30BZ</li> <li>• Nutron, 1in 3000lb, THRD, Ball Valve, T3R10S30BZ</li> <li>• Nutron, 1/2in 3000lb, THRD, Ball Valve, T3F05S30BZ</li> </ul>

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<b>Needle Valves</b>	<ul style="list-style-type: none"> <li>Anderson Greenwood Hand Valve</li> <li>1/4" M x 1/4" F</li> <li>H5RDC - 22</li> </ul>
<b>Needle Valves</b>	<ul style="list-style-type: none"> <li>Anderson Greenwood Hand Valve</li> <li>1/4" F x 1/4" F</li> <li>H5RIC - 2</li> </ul>
<b>Choke Valve (HCV-101)</b>	<ul style="list-style-type: none"> <li>Master Flo, P1E Choke Valve</li> <li>Inlet Flange: 2 NPT 5000 WOG</li> <li>Outlet Flange: 2 NPT 5000 WOG</li> <li>Pressure Rating: 5000 PSI</li> <li>Temperature Rating/API: -20°F to 250°F</li> </ul>
<b>Check Valve</b>	<ul style="list-style-type: none"> <li>Wheatly Check Valve</li> <li>2 NPT 2000 WOG</li> </ul>
<b>Pressure Gauge (PI-201)</b>	<ul style="list-style-type: none"> <li>Winters Pressure Gauge</li> <li>0-100 PSI</li> </ul>
<b>Level Gauge (LI-100)</b>	<ul style="list-style-type: none"> <li>Louvers &amp; Gauges</li> <li>Greschner Sight/Rate Gauge</li> <li>4' LONG</li> </ul>
<b>Pressure Regulator (PCV-201)</b>	<ul style="list-style-type: none"> <li>Fisher 627 Series</li> <li>Body Style: 1" NPT End Connections</li> <li>Maximum Inlet Pressure: 2000 psig/138 bar</li> <li>Outlet Pressure Range: 70-150 psig</li> <li>Pressure Registration: Type 627</li> <li>Orifice: 1/8</li> <li>Trim: Alum</li> </ul>
<b>Pressure Regulator (PCV-204)</b>	<ul style="list-style-type: none"> <li>Fisher 67C Series</li> <li>67CFR With Filter and Soft Seat Internal Relief</li> <li>Body Style and End Connection: 1/4" NPT</li> <li>Maximum Inlet Pressure: 250 psig/17.2 bar</li> <li>Spring Range: 0-35 psig</li> </ul>
<b>Pressure Safety Valve (PSV-101)</b>	<ul style="list-style-type: none"> <li>Swagelok</li> <li>1/4 NPT</li> <li>Range 50-350 PSI</li> <li>SET @ 160 PSI High</li> <li>633568001 SS-4R3AS-EP</li> </ul>