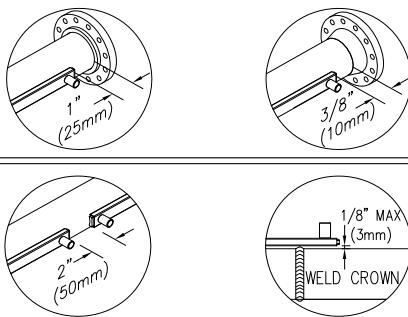
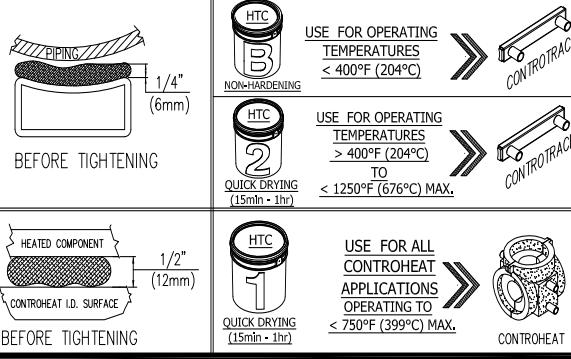
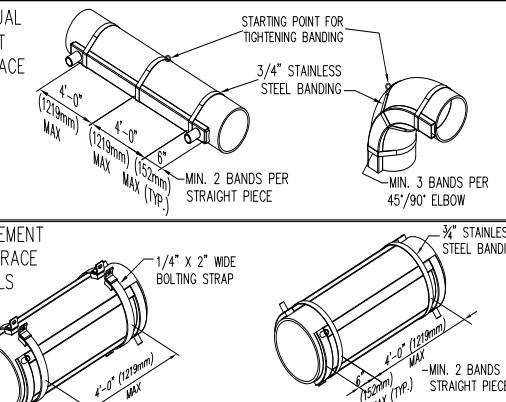
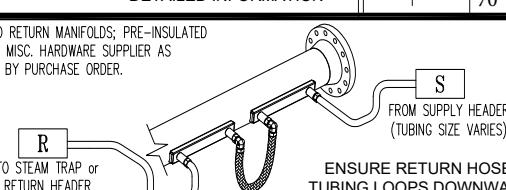


# CONTROTRACE FOR PIPING INSTALLATION CHECKLIST

INSTALLATION GUIDE		SIGN OFF	REMARKS								
CONST	CONST QA/QC	ENDUSER QA/QC									
<b>1</b> <b>DRY FIT</b> (MAXIMUM SPACING AND WELD HEIGHT)											
<b>2</b> <b>APPLY HTC</b> (DO NOT MIX W/ WATER OR DILUTE)											
<b>3</b> <b>FASTEN</b> TARGET $\frac{1}{6}$ " MAXIMUM HTC THICKNESS AFTER TIGHTENING (NO AIR GAPS)											
<b>4</b> <b>INSULATE</b>	COMPLETELY INSULATE ALL: PIPING; FLANGES; SUPPORTS; PROCESS INSTRUMENTS SUCH AS VALVES; FLOW ELEMENTS; ETC...										
<b>5</b> <b>HOSES</b>	 <table border="1"> <thead> <tr> <th>JIC+ ADAPTOR HOSE SIZE</th> <th>MINIMUM TORQUE VALUE TORQUE VALUE</th> </tr> </thead> <tbody> <tr> <td><math>\frac{1}{2}</math>"</td> <td>30 ft-lb</td> </tr> <tr> <td><math>\frac{3}{4}</math>"</td> <td>50 ft-lb</td> </tr> <tr> <td>1"</td> <td>70 ft-lb</td> </tr> </tbody> </table>	JIC+ ADAPTOR HOSE SIZE	MINIMUM TORQUE VALUE TORQUE VALUE	$\frac{1}{2}$ "	30 ft-lb	$\frac{3}{4}$ "	50 ft-lb	1"	70 ft-lb		
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$\frac{1}{2}$ "	30 ft-lb										
$\frac{3}{4}$ "	50 ft-lb										
1"	70 ft-lb										
<b>6</b> <b>CIRCUIT</b>											
<b>7</b> <b>SYSTEM TEST</b>	COMPLETED SYSTEM TEST CSI RECOMMENDS: A SOAPY WATER LEAK TEST (SNOOP) OF THE COMPLETED SYSTEM TO VERIFY PROPER ASSEMBLY OF THE CONNECTION POINTS. TEST SHOULD INCLUDE SUPPLY & RETURN MANIFOLDS.										