



**WORK INSTRUCTION**

**MANUFACTURED ITEMS TYPICAL FUNCTIONAL FLOW**

REVISION: 01

PROCEDURE NO.: WI-8.2.4.8

DATE 06/02/16

	<b>Operation Description</b>	<b>Documentation Clarifying Characteristics</b> (as applicable for each operation)	<b>Monitoring &amp; Measurement Activities</b>	<b>Monitoring &amp; Measurement Records/Check Lists</b>
1.	<b>BUILD TYPE TPC, PCS, PCE, PCM AND TYPE PC CONTROL PANELS</b>	<ul style="list-style-type: none"> <li>• <b>MANUFACTURING ORDER</b></li> <li>• <b>TEMPCO CATALOG (reference only)</b></li> <li>• <b>ENGINEERING DRAWINGS/BOM</b></li> <li>• <b>WIRING DIAGRAM</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>VISUAL VERIFICATION</b></li> <li>• <b>100% ELECTRICAL TEST (e.g. inputs, sensors, outputs using multimeter)</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>INDICATE ACCEPTANCE BY INITIALING THE MANUFACTURING ORDER AND ENTERING QC LOG</b></li> </ul>
2.	<b>INCOMING QC of TST MECHANICAL THERMOSTATS</b>	<ul style="list-style-type: none"> <li>• <b>TEMPCO CATALOG (reference only)</b></li> <li>• <b>Information ON “K” Drive, in Folder _P2- Thermostat Organization Project</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>VISUAL VERIFICATION 10% or 10 Pieces, Whichever is Less</b></li> <li>• <b>Use Heated Block and Calibrated Control to Test Thermostats</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>INDICATE ACCEPTANCE BY INITIALING PACKING LIST/QC PRINTOUT.</b></li> <li>• <b>ENTER INTO INCOMING QC LOG PROGRAM</b></li> </ul>
3	<b>CALIBRATE SMALL ORDERS OF TEB and TEV THERMOSTATS</b>	Documentation provided by engineering	<ul style="list-style-type: none"> <li>• <b>Use Heated Block and Calibrated Control to Set Thermostats</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>INDICATE ACCEPTANCE BY INITIALING THE MANUFACTURING ORDER AND ENTERING QC LOG</b></li> </ul>



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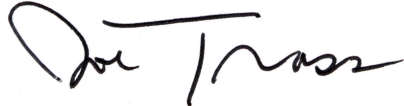
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**REVISION HISTORY**

REVISION LEVEL	DATE OF REVISION	SECTIONS	DESCRIPTION OF CHANGE
00	04/15/09	All	Initial release
01	06/02/16		Added Item 2 & 3 to the table

**AUTHORIZATION**

POSITION	HELD BY	AUTHORIZATION SIGNATURE OR INITIALS
Prepared By: Control Systems Engineering Manager	Joe Trass	
Senior Management Representative/ Management Representative:	Abe Joseph	