

NVENT HEAT-TRACING INSTALLATION AND INSPECTION RECORD

Facility		Equipment Location Equipment ID				
Circuit number			QC Agent			
Heating cable type			Cx Agent			
Circuit length		Inspection Date				
		Commission		1		
Inspection date:						
Visual inspection:						
Visual inspection inside connection boxes for signs of overheating, corrosion, moisture, loose connections and other problems						
Proper electrical connection, ground, and bus wires insulated over full length						
Damaged or wet thermal insulation; damaged, missing, cracked lagging or weather-proofing; gaps in caulking						
Covered end seals, splices, and tees properly labeled on insulation cladding						
Control and Monitoring system checked for moisture, corrosion, set point, switch operation, capillary damage, and protection						
Insulation resistance (Megger) test		Ohms	Ohms	Ohms	Ohms	Ohms
Test A	500 Vdc					
(bus to braid)	1000 Vdc					
	2500 Vdc					
Test B	500 Vdc					
(braid to pipe)	1000 Vdc					
	2500 Vdc					
Power check						
Circuit voltage						
Panel	(Vac)					
Circuit end*	(Vac)					
Circuit amps after 10 min	(Amps)					
Pipe temperature	(°F)					
Power = Volts x amps/ft	(watts/ft)					
*Commissioning only						



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