

## Indeeco Track Switch Heater and Control Panel Factory Testing

All Track Switch heaters and Control Panels are 100% checked in the factory, assuring that all heaters and panels are working properly when shipped and received by our customers.

### Track Switch Heater Testing

- Resistance Check
- Insulation resistance check (Meg Check)
- Dielectric Test (Hi-Pot Test)
- Wattage Check
- Hydro-Test. Fully submerge the track switch heater and all leads in a pressurized water tank (60psi) for 60 minutes
- Reduced energy check for hot or cold spots in heater

- Dimensional Check-Diameter and Length
- Certification available according to AAR- Association of American Railroad Standards

### Control Panel Testing

- Test Voltage (Power)
- Test Signals (Control)
- Circuit Evaluation
- Sequence of Operation
- GFI Testing

Certified Track Switch Heater Test Results Performed in Accordance with A.A.R. Electrical Manual Section 11, Chapter 2, Part 4, Paragraph 10 or MW-68 Issue #5 Parts A B

CUSTOMER:	PO #:	<b>ELEMENT SPECS:</b>	
ORDER / JOB NUMBER:		POINT:	
ITEM NUMBER :		WATTS/FT:	LEAD LENGTH:
TOTAL WATTS :	(+10%) / (-5%)	HEEL:	
VOLTS :	AMPS:	WATTS/FT:	LEAD LENGTH:
HOUSING TYPE: (circle one provided)		SHEATH MATERIAL:	DIAMETER:
<u>Non-Separable</u> NS=Molded Neoprene E=Epoxy Encapsulated		<u>Separable:</u> S1=Flat Cap Nut S2 = 1/2" NPT Connector S3 = 5/8" Hose Connector S4 = 5/8" Hose Connector	
		A.C. COLLAR:	YES NO
		HI-POT TEST (dielectric)	VOLTS

PART A - REF. PARAGRAPH 10 A

HEATER NUMBER	CHECK STENCIL OK?	ITEM B		ITEM D (COLD)			ITEM E (HOT)				
		DIELECTRIC (P OR F)	WATTAGE (WATTS)	IMMERSION (C)	DIELECTRIC (P OR F)	MEGGER (MEGOHMS)	DIELECTRIC (P OR F)	MEGGER (MEGOHMS)	MEASURED VOLTAGE	MEASURED AMPS	HOT OHMS
1											
2											
3											
4											
5											

ORDERED:	PASSED:	INSPECTOR:	DATE:
TESTED:	REJECTED:	OFFICIAL:	DATE: