

Switch Heater Site Survey Form

Railway:	Contact:	Telephone:
Date of Survey:	CCI Thermal Representative:	
Subdivision:		Milage:
Location Name:		Switch No.:
Weight of Rail at Switch:		Length of Switch Points:

Type of Tie

- Wood Concrete
 Other: _____

Type of Heater Recommended/Requested

- HELLFIRE 400 (200,000 - 400,000 BTU/hr)
 HELLFIRE 900 (204,000 - 900,000 BTU/hr)
 Inferno (10,000 - 225,000 BTU/hr)
 Bungalow Enclosed

Desired Clearance

(Distance between track centre line and heater flange)

- 131" 140" 155"
 Other: _____

Desired Elevation of Foundation Below Bottom of Rail

- 0" - 5" 5" - 10" 10" - 15"
 Other: _____

Distance From Switch Points to Center of Tie Duct:

Length of Ducting

- 16' 20' 24'
 28' 32' 36'
 40'

Photo Numbers:

Comments: _____

Distance 1st Track to 2nd Track Gauge to Gauge:

Distance 2nd Track to 3rd Track Gauge to Gauge:

Mainline Cant 1/20 1/30 1/40

Weight of 2nd Rail: _____

Weight of 3rd Rail: _____

Elevation Between Tracks: _____

Heater Installed On

- SW Machine Side
 Opposite SW Machine
 Between SW Machine & Junction Box

Power Source

240V 208V 460V 575V

Frequency: 1 Phase 3 Phase

Supply Gas Pressure

- 5 - 20 psi (HELLFIRE 900)
 15" WC (HELLFIRE 400 and Inferno)

Energy Management System (EMS) Recommended

Yes No

EMS Type: Multi-Heater HELLFIRE

Site Sketch: