

# Heating Manas 22-B Window Caulking with a Model 5194 Infrared Line Heater

## Application

A manufacturer heating continuous window caulking (Manas 22-B) to soften it before it was wrapped around windows.

## Problem

**Environmental Concerns** - OSHA/environmental issues forced the manufacturer to look for an alternative to heating the window caulking with a convection gas system.

## Solution

**Heat** - A Model 5194-05 Infrared Line Heater was used to preheat the caulking to 105°F (41°C).

**Power Control** - A Model 5620 Phase Angle SCR Power Controller controlled the power to the heater.

**Instant On/Off** - The quartz lamp in the Infrared Line Heater heated up and cooled down instantly in response to power changes.

## Benefits

**Environmentally Safe** - The Infrared Line Heater provided the manufacturer with an environmentally safe method of heating the caulking.

**Responsive Heat Source** - The design of the Infrared Line Heaters, combined with the instant on/off capability of the lamps, allowed the manufacturer to start and stop the heating process as required by the production line.