Temperature Code Calculations

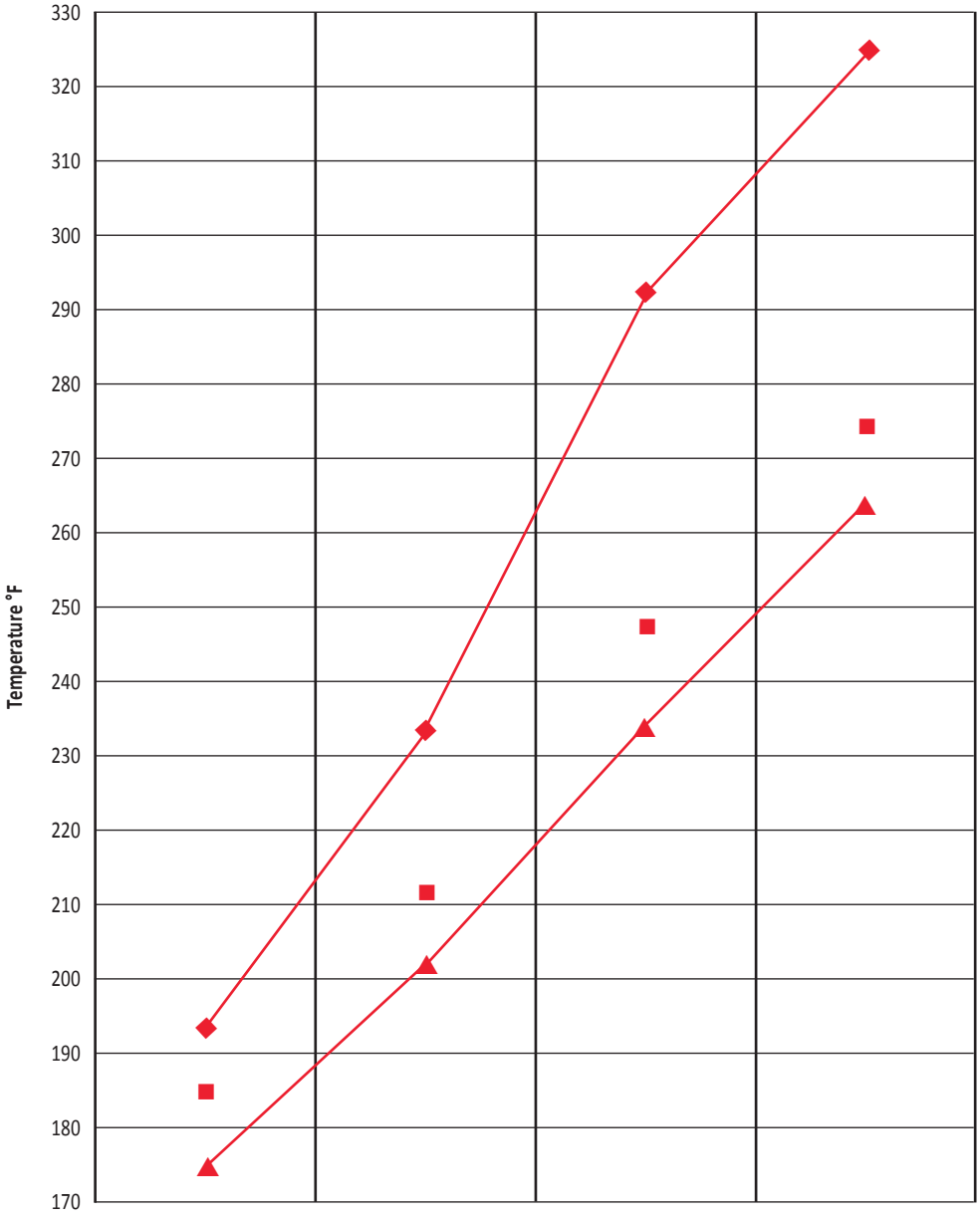
This figure shows the relationship of the process temperature to the temperature identification code number temperature and the heater hot spot temperature for typical installations. Each installation should be checked and tested to determine actual hot spot temperatures.

1. Find the maximum process temperature on the "Y" axis, such as 250° F.

2. Make a line straight across until it crosses the maximum process temperature line (the top line), then make a line straight down from this point to the table below the graph.

3. For a 250° F process temperature, this line falls between Temperature Identification Numbers T5 and T4A. Since it is above T5, T4A is the lowest identification number you could use for this process.

4. Where this line crosses the heater hot spot temperature line (the bottom line), draw a straight line back to the "Y" axis to estimate the heater hot spot temperature. For this 250° F process example, it would be about 210° F.



Temperature Identification Number	T6	T5	T4A	T4
Maximum Process Temp., °F	193	233	292	324
Maximum Code Temp., °F	185	212	248	275
Heater Hot Spot Temp., °F	175	202	234	264