

# Surface Temperature Performance Log

Use this sheet during your pilot project to chart surface temperature before and after application of Nansulate® thermal insulation coatings, as well as the incremental increase in performance as the coating cures over 30-60 days (depending upon your application thickness). Measure two different points on the area exterior, and measure those same points each time for accurate comparison. NOTE: Use surface or probe thermometers not laser/infrared, which can give false readings on light or shiny surfaces. If you must use a laser thermometer, color the measurement target black with a marker and aim at that area.

Application Date: \_\_\_\_\_ Product(s) \_\_\_\_\_  
 Number of Coats \_\_\_\_\_ Dry Film Thickness (DFT) \_\_\_\_\_  
 Equipment Name \_\_\_\_\_ Manager \_\_\_\_\_  
 Area \_\_\_\_\_

	Surface Temperatures Uncoated		Surface Temperatures Insulated with Nansulate®		Difference between Uncoated and Coated Temperatures	
	Point 1:	Point 2:				
Date: _____ Prior To Application						
Date Measured: _____ Measure approximately 20 days after application.			Point 1:	Point 2:	Point 1:	Point 2:
Date Measured: _____ Measure approximately 30 days after application.			Point 1:	Point 2:	Point 1:	Point 2:
Date Measured: _____ Measure approximately 40 days after application.			Point 1:	Point 2:	Point 1:	Point 2:
Date Measured: _____ Measure approximately 50 days after application.			Point 1:	Point 2:	Point 1:	Point 2:
Date Measured: _____ Measure approximately 60 days after application.			Point 1:	Point 2:	Point 1:	Point 2:

# Energy Consumption Performance Log

Use this sheet during your pilot project to chart energy consumption in Kilowatt Hours, Liquid Natural Gas consumption, oil consumption, or other fuel measurement, before and after application of Nansulate® thermal insulation.

Allow Nansulate® to fully cure for at least 30-60 days prior to comparison measurements.

Note: For accuracy of measure, the entire envelope (building, pipe or equipment) should be coated in order to properly gauge performance. Any "holes" in the thermal envelope, for example, if you only coat a small section, instead of an entire pipe, will not give you an accurate measure of energy efficiency increase.

Chart for proper energy consumption for comparable related energy usage cycle.

For example: If your equipment has the same typical energy consumption each day of the week, then you may wish to compare a Tuesday to a Tuesday. OR if your energy usage is dependent upon outside temperature, then you will want to compare days before and after that have a similar outside temperature.

Some companies may wish to compare week to week, and others month to month. It is important to use days to compare both before and after that are on a similar 24 hour energy usage cycle.

Application Date: \_\_\_\_\_ Product(s) \_\_\_\_\_

Number of Coats \_\_\_\_\_ Dry Film Thickness (DFT) \_\_\_\_\_

Equipment Name \_\_\_\_\_ Manager \_\_\_\_\_

Area \_\_\_\_\_ Measure of Energy (KWH, LNG, Oil or other): \_\_\_\_\_

	Pre-Application Energy Consumption	Post-Application Energy Consumption	Difference
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			
Month: _____ Day: _____			