

## CASE STUDY

LS Industries

### Award Winning Energy Saving and Asset Protection Coatings



#### GEOGRAPHICAL AREA:

Wichita, Kansas

#### ISSUE:

Looking to reduce surface temperature of ovens to a worker safe to touch level.

#### SOLUTION:

Heat Shield™ High Heat thermal insulation & corrosion prevention coating.

Coverage: 3 to 4 coats

#### RESULTS:

- ✓ Provided a surface temperature reduction of between -53-68F degree F (-29.5-37.7C).
- ✓ Lowered surface temperature to safe to touch levels for worker safety
- ✓ Provides exceptional corrosion resistance.
- ✓ Long lasting 5-10 years.

LS Industries, a designer and manufacturer of large metal cleaning equipment for the industrial and automotive markets, needed to reduce surface temperature of industrial ovens to a worker safe level and to increase efficiency of the oven insulation.

LS Industries now plans to offer Heat Shield™ on all their products requiring insulation and corrosion prevention.

LS Industries coated the exterior of five of their Heat & Block Blaster ovens which are used for cleaning engines by burning off residue at a temperature of 800F. The external temperature of the ovens after application and cure (7mil dft) of **Heat Shield™ High Heat, dropped from 168F (75.5C) to between 100-115F (37.8-46C) and was safe to touch while in operation.** Their customers were very satisfied with the results of surface temperature reduction and increase in energy efficiency.

