**SpyroCor® Radiant Tube Inserts**

**MARKET: ALUMINUM**

### Application Information

- **Type:** Aluminum slab reheating furnace
- **Trial Details:**
  - Loads consisted of 5 standard aluminum slabs (375” L x 136” W x 5.25” T)
  - Target temperature 890°F
- **Radiant Tube:** 32x W-type radiant tubes in a vertical orientation
- **Burner:** 567,000 BTU/hr

### Result Summary

- **9.7% Energy savings**
- **4 Months ROI**
- **+28 cycles** per year additional capacity

**Natural gas consumption per furnace cycle**

- **9.7% Reduction**

**Furnace cycle time**

- **6.2% Cycle Time Reduction**

*Energy savings represents an average at gas cost of $4.00/MMBTU.*