

Application**brief**

- Eclipse Product:* ThermJet Burner
- Submitted by:* Michael J. Kay, W.H. Kay Co., Solon, OH
- Application:* Welding Rod Dryers
- Description:* Lincoln Electric Company of Cleveland, Ohio contacted us regarding the modernization of their Welding Rod Dryers including burners, valves and flame safety equipment. The existing set up had North American burners in a 3 zone arrangement. We received the order for Oven #1 and supplied three ThermJet burners (two 500 ThermJets and one 200 ThermJet). The oven is recirculating and runs at 990° F maximum temperature. Lincoln did the installation per W.H. Kay drawings. The modernization was a success resulting in much better temperature control on each zone, shorter flame in the heater boxes and better drying of welding rod. Based on these results, we received an order for 24 more ThermJet burners to up grade eight additional ovens. Lincoln is also looking into replacing some 16,000,000 Btu/hr. North American burners on their Flux Kilns.



Eclipse ThermJet Burner

