

CASE STUDY

PaperWorks IR Dryers

CLIENT SITUATION

PaperWorks Industries, Inc. sought the help of Rhoads to install a new infrared (IR) heater skid, blower and associated piping for two IR dryers located on a papermaking machine. The project needed to include replacing a three inch natural gas supply line, running from the powerhouse to the gas main located on the roof, which would include installation of new flow meters and shutoff valves on the line.



RHOADS SOLUTION

A support structure and enclosure were fabricated by Rhoads and installed on the roof to house the new IR heater skid and blower. The new IR heater skid and blower were rigged onto the roof and set in the enclosure and the three inch gas line was tied into skid. A total of two air delivery lines, two air cooling lines, two natural gas lines and two compressed air lines were run from the rooftop IR heater skid to the two IR dryers located inside. The 10" blower duct, fabricated by Rhoads, was then run from the rooftop blower to the IR heaters.

RESULT

This project was completed on time to the customer's satisfaction without any delays or problems. Rhoads executed all the work for this project and helped with portions of the design.

**Contact us today to
learn how Rhoads
Industries can help
with your next project.**

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