

Plastic Welding and Fabrication Ltd.

Thermaflow Tank Heating System Questionnaire

Please note that the Thermaflow can be used to heat Sulfuric acid and Zinc Ammonium Chloride (Pre Flux) tanks to 160 degrees. We have a different type of tube heater that we use for Caustic solutions that can easily heat these tanks to 170 degrees. The thermaflow can not be used in Caustic as the emissions are slightly acidic. However, all of the heaters would share a common blower, control panel, piping, electrical and flame safety controls to NFPA standards.

- How many tanks do you want to heat?
- What are there individual inside dimensions?
- What are the tanks constructed of and at what thickness if Polypro?
- What is the chemistry of each tank?
- How many pounds of steel do you run per hour?
- What is the percentage of steel run through each tank?
- What is the worst case coldest temperature of steel run through your tanks?
- What is the desired operating temperature of each tank?
- Do you use any foam blankets on your tanks?
- What is your current heat source?
- What is your current natural gas consumption to heat your tanks?
- Would you be using natural gas as your fuel source?
- Do you use a Beta or comparable system?
- Do you want your project priced as fully installed or for your personnel to install with our supervision, start up and training?

We would also like to have some pictures of your plant process areas if possible. We would also appreciate a plant drawing or at least a sketch with a desired location for a blower and control panel away from process.

We are looking forward to working with you to save you money. Most plants have experienced about a 40% savings on fuel cost.

Thank you for your interest!

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