
The Schaefer Group, Inc. Phone 937-253-3342
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Dayton, OH 45401-1508 Dayton, OH 45401-1508



RFQ FORM FOR - THE SCHAEFER GROUP, INC. ALUMINUM MELTING AND HOLDING FURNACES

Information we need to know to quote/build your furnace needs.

I. Basic Information:

A. Name of your Company: _____

Address: _____

B. Name of person submitting information, or to be contacted:

Position: _____

Telephone No.: _____

Fax No.: _____

E-Mail: _____

C. Plant services available for furnace:

1. Electric: _____

2. Gas Pressure: _____

3. Plant Air Pressure: _____

D. The furnace safety systems must be: _____

E. Special specifications required by plant, if any:

1. Electrical Components: _____

2. Instrumentation: _____

3. Others: _____

II. What do you want to do?

A. Hold? _____

For what process? _____

1. Temperature of metal transferred to furnace? _____

a. The desired holding temperature? _____

2. Energy to be used:

a. Electric _____

b. Natural gas _____

c. Oil _____

d. Or _____

3. Type hold furnace

a. Wet Bath _____

b. Crucible _____

c. Pot _____

d. Other _____

4. Distance from plant floor to top of hot metal well, crucible or pot:

5. Hold capacity desired? _____

(Normal in wet bath is 2,000# to 8,000#, and 300# to 2,000# in crucible or pot).

6. Through-put (flow) in lbs./hr. _____

7. Any special well sizes or space limitations? _____

B. Melt? _____

For what purpose? _____

1. How many lbs./hr. (kg/hr.) are to be melted? _____

a. To what temperature? _____

2. Is there any special holding capacity required? _____

3. Energy to be used:

- a. Electric _____
- b. Natural Gas _____
- c. #2 Oil _____
- d. Or _____

4. Type melting furnace

- a. Wet Bath _____
- b. Dry Hearth _____
- c. Crucible _____
- d. Pot _____

5. Distance from plant floor to top of hot metal well, crucible or pot:

6. Type of metal removal

- a. Ladle _____
- b. Tap-out _____
- c. Metal Pump _____
- d. Tilt _____
- e. Laundered _____
- f. Other _____

7. Any special well sizes or space limitations? _____

III. If the RFQ is approved, what is the anticipated delivery date? _____