



## Melting/Refining Equipment

Please use a separate line to list each type and size combination of furnace(s). For example, two five ton electric arc furnaces used for basic melting would be listed on one line, however a five ton induction furnace and a three ton induction furnace would be listed on two separate lines. Listing melting equipment this way makes the information in the Directory easier to understand and helps SFSA develop a clearer picture of the melting capability of the industry.

<b>Check box to indicate type of melting/refining equipment</b> <i>Please use one line per each type or size of furnace</i>				Number of Units	Size(s) (tons)	Acid / Basic / Neutral
Electric Arc	Induction	AOD	Ladle Metallurgy			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

## Type of Castings Produced *(Please supply your best estimated percentages)*

Railroad	%	Oil Field	%	Tubes	%
Industrial Equipment	%	Construction Equipment	%	Military	%
Mining	%	Trucks	%	Other	%
Pumps / Valves	%	Furnace Parts	%		%

## Type of Alloys Produced *(Please supply your best estimated percentages)*

Carbon / Low Alloy	%	Wear Resistant (Austenitic Manganese)	%
Corrosion Resistant	%	Other	%
Heat Resistant	%		%

## Mold Processes Used *(Please supply your best estimated percentages)*

No-Bake	%	Centrifugal	%	Ceramic	%
Silicate	%	Investment	%	Other	%
Oil	%	Vacuum	%		%
Green Sand	%	Shell	%		%

## Core Processes Used *(Please supply your best estimated percentages)*

No-Bake	%	Oil	%	Other	%
Silicate	%	Shell	%		%

<b>Welding</b> <i>(Check where appropriate)</i>					
SMAW	<input type="checkbox"/>	GTAW	<input type="checkbox"/>	FCAW	<input type="checkbox"/>
<b>Welding Qualification(s)</b>					
ASTM-A488	<input type="checkbox"/>	ASME Section IX	<input type="checkbox"/>		<input type="checkbox"/>

<b>Test Facilities</b> <i>(Check where appropriate)</i>					
Mechanical Tests	<input type="checkbox"/>	Magnetic Particle	<input type="checkbox"/>	Eddy Current	<input type="checkbox"/>
Hardness	<input type="checkbox"/>	ASME Section V	<input type="checkbox"/>	CMM	<input type="checkbox"/>
Spectrographic	<input type="checkbox"/>	Liquid Penetrant	<input type="checkbox"/>	Inspectors qualified to ASNT SNT-TC-1A	<input type="checkbox"/>
Radiography	<input type="checkbox"/>	Ultrasonic	<input type="checkbox"/>		

<b>Other Facilities</b> <i>(Check where appropriate)</i>					
Heat Treatment	<input type="checkbox"/>	Pattern Shop	<input type="checkbox"/>	Fabricating Shop	<input type="checkbox"/>
Quenching	<input type="checkbox"/>	Machine Shop	<input type="checkbox"/>		<input type="checkbox"/>
<b>Other Metals Cast</b>					
Gray Iron	<input type="checkbox"/>	Non-Ferrous	<input type="checkbox"/>	Other	<input type="checkbox"/>
Ductile Iron	<input type="checkbox"/>	Cr Irons	<input type="checkbox"/>		<input type="checkbox"/>

<b>Use of Product</b> <i>(Please supply your best estimated percentages)</i>			
For Sale	%	For Own Use	%

<b>Basic Capability Data</b>			
<b>Casting weight range</b>			
Largest Casting Produced	lb	Smallest Casting Produced	0.000 lb
<b>Casting section thickness range</b>			
Heaviest Section Thickness	in.	Lightest Section Thickness	0.000 in.
<b>Statistical data</b>			
Monthly Capacity	net tons	Number of Employees	

<b>Government Business Classifications</b> (check where appropriate)		
<b>Small Business</b>	<input type="checkbox"/>	Generally businesses with less than 500 employees.
<b>HUBZone</b>	<input type="checkbox"/>	Historically Underutilized Business Zones - Through the HUBZone Empowerment Contracting program Federal contracting opportunities are provided for qualified small businesses located in distressed areas.
<b>Small Disadvantaged (8A)</b>	<input type="checkbox"/>	An SBA program for small concerns owned by socially and economically disadvantaged persons. Firms admitted to the program can receive Federal contracts designated for 8(a) Business Development Program participants, as well as management and technical assistance.
<b>Women Owned</b>	<input type="checkbox"/>	Majority share (at least 51%) of business is owned by a woman
<b>Service Disabled Owned</b>	<input type="checkbox"/>	Business owned by disabled veteran.

**Note: Please include a black and white image of your company logo if you would like it included. We must have a clean copy to scan into our computer if your logo was not shown in the previous Directory. Please do not send photocopies or Fax copies.**

**Logos can be emailed to [blairr@sfsa.org](mailto:blairr@sfsa.org); please be sure to identify to which company and plant/location the logo should be attributed.**

Signed: \_\_\_\_\_

Company: \_\_\_\_\_ Date: \_\_\_\_\_

Please list former name or division, if there has been a change since the previous Directory: \_\_\_\_\_

**Please Complete This Form and Return To:**

**Rob Blair**  
**SFSA**  
**780 McArdle Drive Unit G**  
**Crystal Lake, IL 60014**  
**FAX: 815/455-8241**

**We do not manufacture steel castings; why did we get this form?**

The Directory Information form has been sent to your company because our records indicate that you manufacture steel castings. If this is incorrect and your location does not produce steel castings, please check the box near the top of the first page, fill out the company name and address portion of the form and return the form to us so that we can remove your company from our records.