



VISITORS GUIDE

108 Progressive Court, Greenville, South Carolina



VACUUM HEAT TREATING BRAZING CARBURIZING NITRIDING

YOUR THERMAL PROCESSING ADVANTAGE



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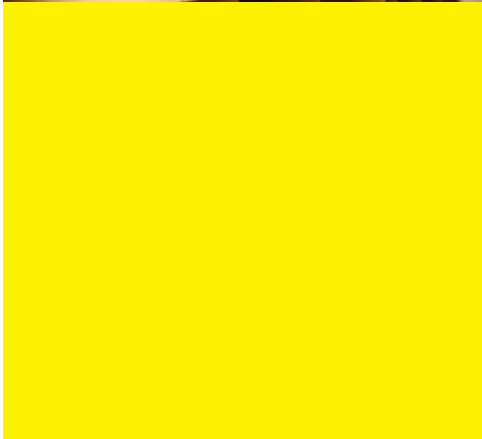
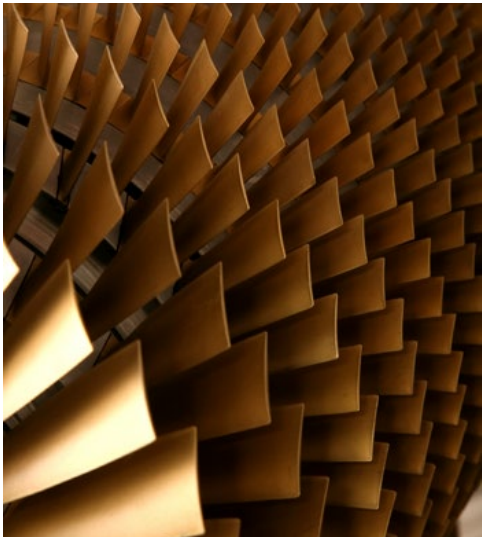
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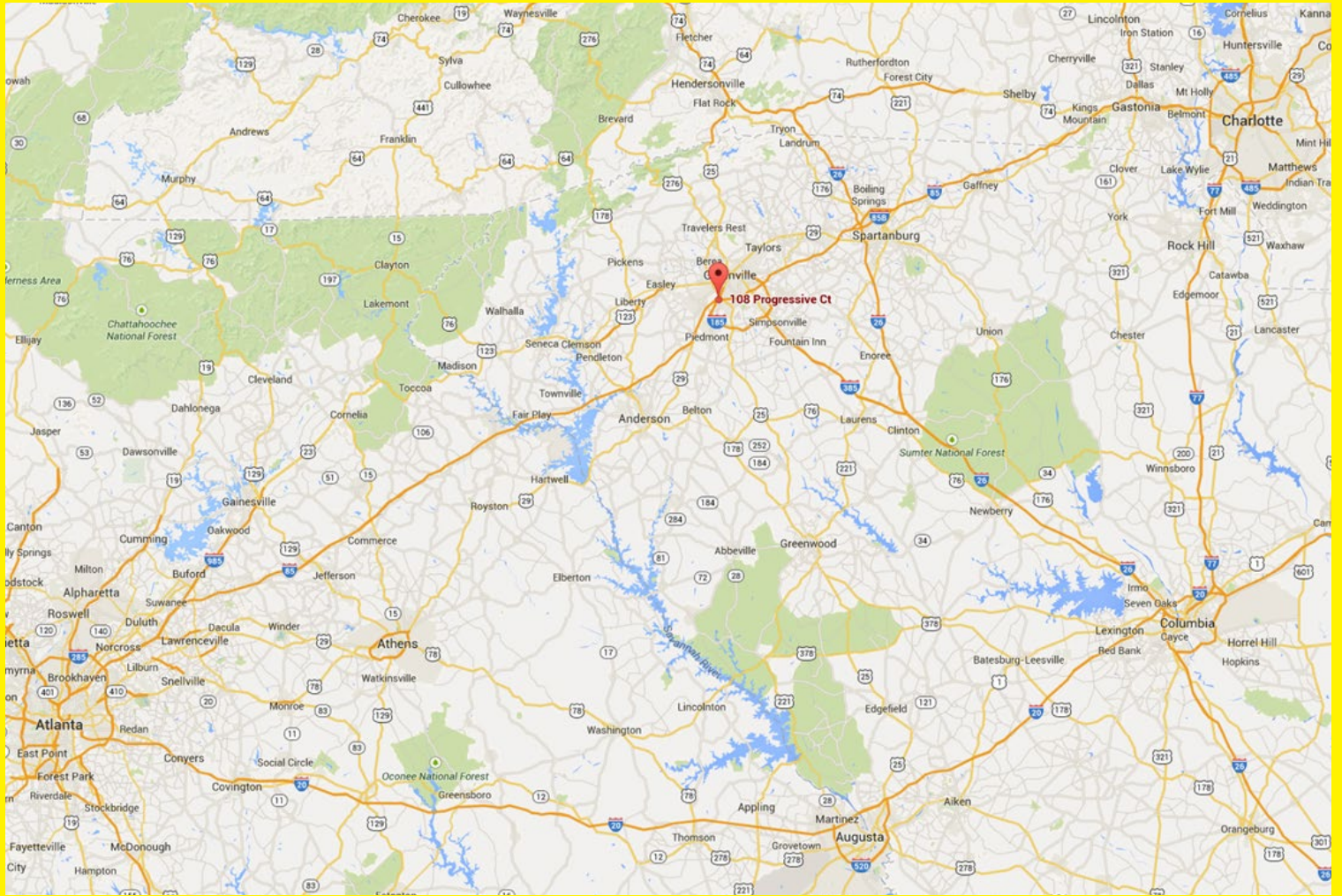
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DIRECTIONS



From Greenville Airport and Charlotte

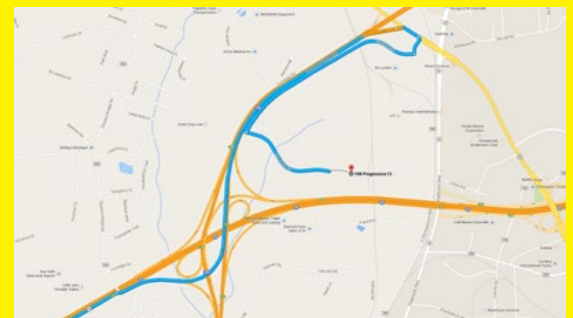
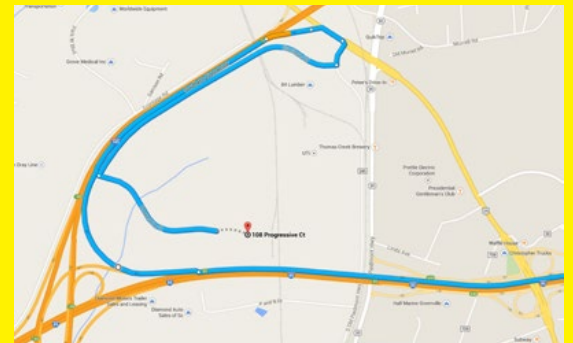
Take I-85 South to exit 42, stay to the right merge onto I-185 N/US-29 N. Take exit 15 from I-185 N/US-29 N to US-25 S/White Horse Rd. Merge right onto US-25 and take the first right onto S. Old Piedmont Hwy. Turn right onto Piedmont Grove Rd. Follow signs to Solar Atmospheres, turning left onto Progressive Court.

From Columbia and Points Southeast

Take I-385 N to exit 30 stay to the right for US-276 W. Take I-85 South towards Atlanta to exit 42, stay to the right merge onto I-185 N/US-29 N. Take exit 15 from I-185 N/US-29 N to US-25 S/White Horse Rd. Merge right onto US-25 and take the first right onto S. Old Piedmont Hwy. Turn right onto Piedmont Grove Rd. Follow signs to Solar Atmospheres, turning left onto Progressive Court.

From Atlanta and Points Southwest

Take I-85 North to exit 42, merge onto I-185 N/US-29 N. Take exit 15 from I-185 N/US-29 N to US-25 S/White Horse Rd. Merge onto US-25 S/White Horse Rd and take the first right onto S. Old Piedmont Hwy. Turn right onto Piedmont Grove Rd. Follow signs to Solar Atmospheres, turning left onto Progressive Court.



COMPANY HISTORY



Solar Atmospheres was founded in 1983 by William R. Jones, our Chief Executive Officer. It was a natural outgrowth of his pioneering work as a developer and manufacturer of vacuum furnaces, having started Vacuum Furnace Systems (1978) and Solar Manufacturing (2002). Consequently, Solar uses the latest technology in processing parts and is continually investing in new furnace engineering. In 2002 Solar purchased Magnetic Specialties, a manufacturer of custom power transformers, which includes the power saving FCS 2000 "Smart Power Supply" that is used on many of Solar's furnaces. In 1992 Solar moved to a new 24,000 square foot building built specifically for vacuum heat treating. 2001 marked the start-up of Solar's second facility in Hermitage (Western PA), featuring a 24-foot long furnace with a load capacity of 50,000 lbs.

The 2006 – 2008 period featured new processing and furnace placements and engineering accomplishments. Solar placed its second and third 24-foot furnaces in Hermitage. 2007 was also the start of vacuum carburizing services

at the Souderton plant. To provide the service, a newly engineered insitu vacuum carburizing furnace was developed by Solar's Technology Center in cooperation with Solar Manufacturing. To service a growing aerospace market, a 20,000 square foot plant addition was built to house a 36 foot long vacuum furnace with a 150,000 lb. capacity—the world's largest commercial vacuum furnace — in Western PA. In January of 2011, Solar opened a 25,000 square foot California Plant. The new addition to the Solar Group of Companies has brought a "Green Field" vacuum heat treating, vacuum brazing and vacuum carburizing facility to the west coast. Solar Atmospheres of California is focused on the aerospace, titanium and super alloys markets. In May 2015, Solar Atmospheres expanded into the Southeast region by opening a 57,000 square foot facility in Greenville, SC. Solar's growth over the past 20+ years under Corporate President Roger A. Jones far exceeds the heat treating industry growth trend. Sales have tripled in the past 10 years, while serving more than 18 industries.

CAPABILITIES

- 60+ Vacuum Furnaces
- Furnaces from lab size to 48'
- Air Furnaces
- Cryogenic Freezers
- Annealing
- Hardening
- Tempering
- Degassing
- Normalizing
- Diffusion Bonding
- Solution Treating

- Hydriding & Dehydriding
- Stress Relieving
- Vacuum Brazing
- Low Pressure Vacuum Carburizing
- Vacuum Gas Nitriding
- Fluorescent Liquid Penetrant
- Sintering
- Graphite Coatings
- Cryogenic Processing
- Tempering
- R&D and Prototype Partnering



POLICIES AND STANDARDS

Security

Please carry photo identification while on site

The following items are prohibited:

- Firearms (loaded or unloaded)
- Explosives
- Incendiary devices
- Alcoholic beverages
- Ammunition
- Illegal drugs and paraphernalia



Escorted & Badged Access

To assure compliance with the International Traffic in Arms Regulations (ITAR) and the Export Administration Regulations (EAR) - All visitors to Solar MUST present a valid driver's license or U.S. Passport to the Receptionist, fill in and sign the Visitor Affidavit form and sign the sign-in sheet. A badge will be handed to you by the Receptionist. This badge will either be unrestricted (GREEN) or restricted (ORANGE). All badges require an escort to be with you at all times. Please see below for the guidelines for each badge and the access it grants.



****Unrestricted Access****

If you are given a badge with unrestricted access you will be required to successfully complete the necessary training and in-processing activities. These activities may include security screening and classroom training. Access requirements are determined on an individual, as needed, basis. The badge must be displayed at all times on the upper portion of your body on the outer garment. Immediately report any lost badges to the Receptionist in the building.

****Restricted Access****

If you are given a badge with restricted access then you must wait in the lobby of the building. You will either remain in the lobby the whole time or wait till you are escorted to the conference room. Restricted access visitors may not under any circumstance enter the shop or lab areas. The badge must be displayed at all times on the upper portion of your body on the outer garment. Immediately report any lost badges to the Receptionist in the building.

POLICIES AND STANDARDS

Site Work Hours

Solar operates 24 hours a day, 7 days a week. However, most of the office is at Solar from 8am to 5pm. There are exceptions and visitors should check with the department they are going to be visiting to find out the specific hours for that department.

Attire

Office: Office dress is business casual.

Shop: Safety glasses will be provided and must be worn when in the shop area.



Shop Rules and Regulations

Solar prohibits any eating and/or drinking in the shop or lab areas.

Smoking Policy



Solar Atmospheres is a smoke free work place. Smoking is not permitted anywhere on Solar owned property—both inside or outside buildings

Phone Usage

To call an extension from outside the company, dial 864-970-0111 and either press “0,” for the operator or the person’s four digit extension.

To call an extension from inside the company:
Dial the four digit extension

To make a call to an outside company from within the company: Dial “9, 1” then the area code and the number you wish to reach.



Camera Usage

The use of a camera is prohibited anywhere inside the Solar buildings, unless permitted by Solar Management. One may take photos outside the buildings.



PLACES TO EAT

Woodruff Road

Carrabba's Italian Grill

1022-A Woodruff Road
Greenville, SC 29607
864-213-9494

Chuy's

1034 Woodruff Road
Greenville, SC 29607
864-288-4453

Cheddar's Casual Cafe

1025 Woodruff Road
Greenville, SC 29607
864-297-1046

Yard House

1025 Woodruff Road
Greenville, SC 29607
864-281-7710

P.F. Chang's

1127 Woodruff Road
Greenville, SC 29607
864-297-0589

Greenville - Downtown

Smoke On The Water

1 Augusta Street #202
Greenville, SC 29601
864-232-9091

The Green Room

116 N. Main Street
Greenville, SC 29601
864-335-8222

Trappe Door

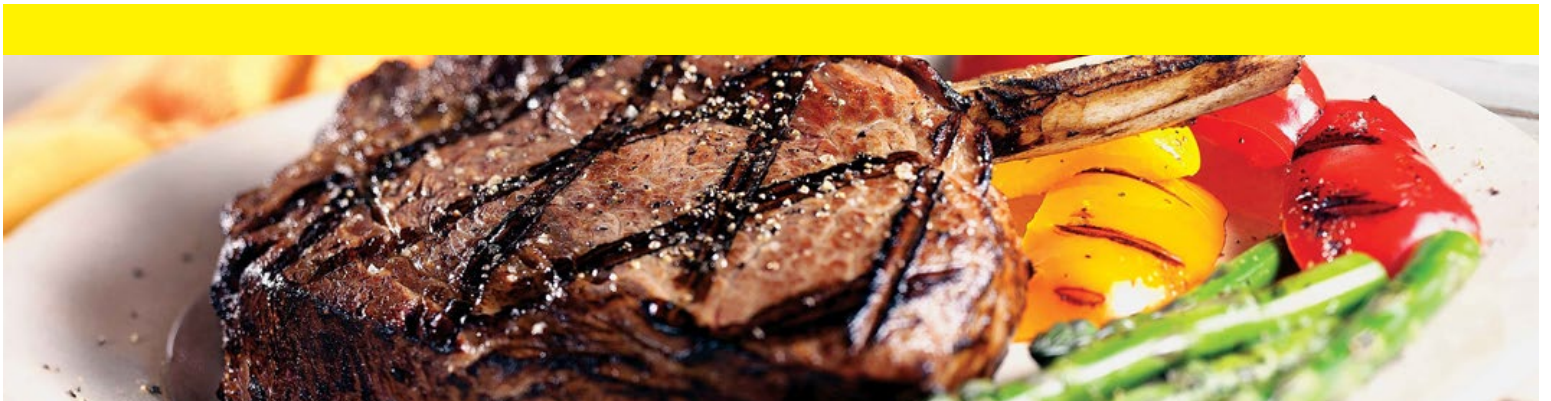
23 W. Washington Street
Greenville, SC 29601
864-451-7490

Soby's

207 S. Main Street
Greenville, SC 29601
864-232-7007

Larkin's On The River

318 S. Main Street
Greenville, SC 29601
864-467-9777



PLACES TO STAY



S. Piedmont

Holiday Inn Express & Suites

3.7 Mi (Approx. 8 min.)

Corporate Rate Available

*Mention Solar Atmospheres Rate
(Breakfast Included)*

3004 Hwy 153
Piedmont, SC 29675
864-832-8100



Easley

Hampton Inn

9.9 Mi (Approx. 18 min.)

Corporate Rate Available

*Mention Solar Atmospheres Rate
(Breakfast Included)*

8 Southern Center Court
Easley, SC 29640
864-343-3636

