



VISITORS GUIDE

1969 Clearview Road,
Souderton, Pennsylvania

190 Keystone Drive,
Telford, Pennsylvania



VACUUM HEAT TREATING • BRAZING • CARBURIZING • NITRIDING

YOUR THERMAL PROCESSING ADVANTAGE

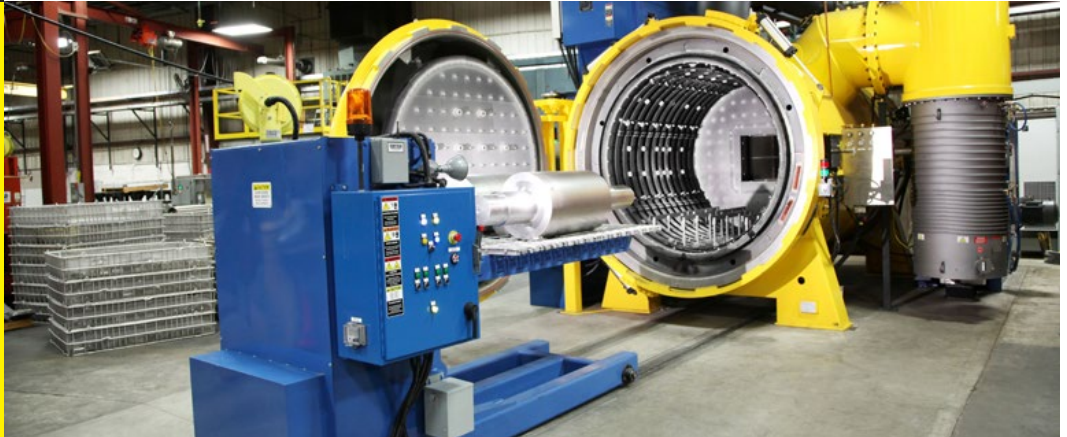
CONTENTS

Company History 2

Policies and Standards 3

Places to Eat 4

Places to Stay 7



COMPANY HISTORY

1983 – Solar Atmospheres was founded by our Chief Executive Officer, William R. Jones

1992 – Major expansion moving into a new 24,000 square foot building built specifically for vacuum heat treating and brazing

1998 – Established another 10,000 square foot plant in Hatfield, Pa devoted primarily to brazing and ion-nitriding

2001 – Opened a new facility, Solar Atmospheres of Western PA in Hermitage, Pennsylvania dedicated to large vacuum furnace processing – primarily for aerospace, titanium and electrical power generation components

2002 – Mr. Jones founded sister company, Solar Manufacturing, a producer of top of the line vacuum furnaces, designed to be the most energy efficient, cost effective, high performing, and technically advanced systems on the market

2002 – Acquired Magnetic Specialties company, a manufacturer of custom power supplies and transformers

2006 – Solar Atmospheres of Western PA installed its 2nd and 3rd 24 foot car bottom furnaces

2007 – Solar Atmospheres in Souderton, PA and Solar Manufacturing co-operated to design and install an advanced vacuum carburizing furnace which has since proven to provide the most excellent and repeatable carburizing results

2008 – Solar Atmospheres in Souderton, PA and Solar Manufacturing worked together to design and install a new vacuum gas nitriding furnace – this furnace fulfilled the design objectives and has shown results capable of reducing cycle times by more than 50% when compared to other nitriding equipment

2009 – In order to serve the growing aerospace market, Solar Atmospheres of Western PA increased its plant capacity to 70,000 square feet by adding an additional 20,000 square foot building to house a new 36 foot long car bottom furnace with load capacity of 150,000 pounds – this furnace is considered to be the world's largest commercial vacuum furnace

2011 – Opened a 25,000 square foot plant in Fontana, California, Solar Atmospheres of California, to bring a "Green Field" vacuum heat treating, vacuum brazing and vacuum carburizing facility to the West Coast, focusing on aerospace, titanium and super alloys

2015 – In May 2015, opened a 57,000 square foot facility, Solar Atmospheres Southeast, in Greenville, SC, focusing on the expanding aerospace development in the Southeast US.

CAPABILITIES

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

Stress Relieving
Vacuum Brazing
Low Pressure Vacuum Carburizing
Vacuum Gas Nitriding
Tensile Testing
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 215-721-1502 and either press “0,” for the operator or the person’s four digit extension.

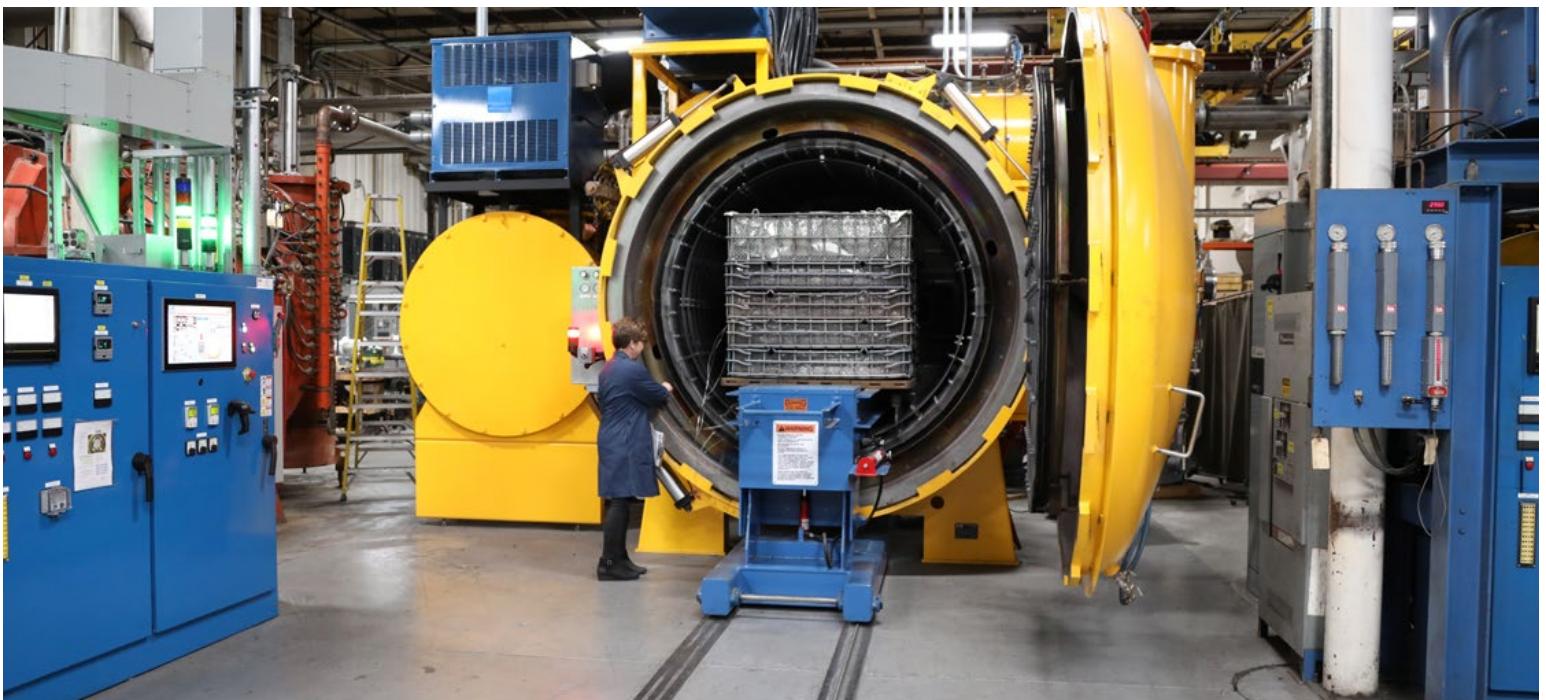
To call an extension from inside the company: Dial the four digit extension

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

Telford / Souderton

Lisa's Pizza
205 West Reliance Road
Telford, PA 18969
215-723-4095

Caruso Brick Oven Trattoria
424 N Main St
Souderton, PA 18964
215-799-1312

El Cactus
710 PA-113
Souderton, PA 18964
215-721-7200

The East End
1903 Bethlehem Pike
Hatfield, PA 19440
215-716-3264

Jesse's Barbecue
98 N County Line Road
Souderton, PA 18964
215-723-4600

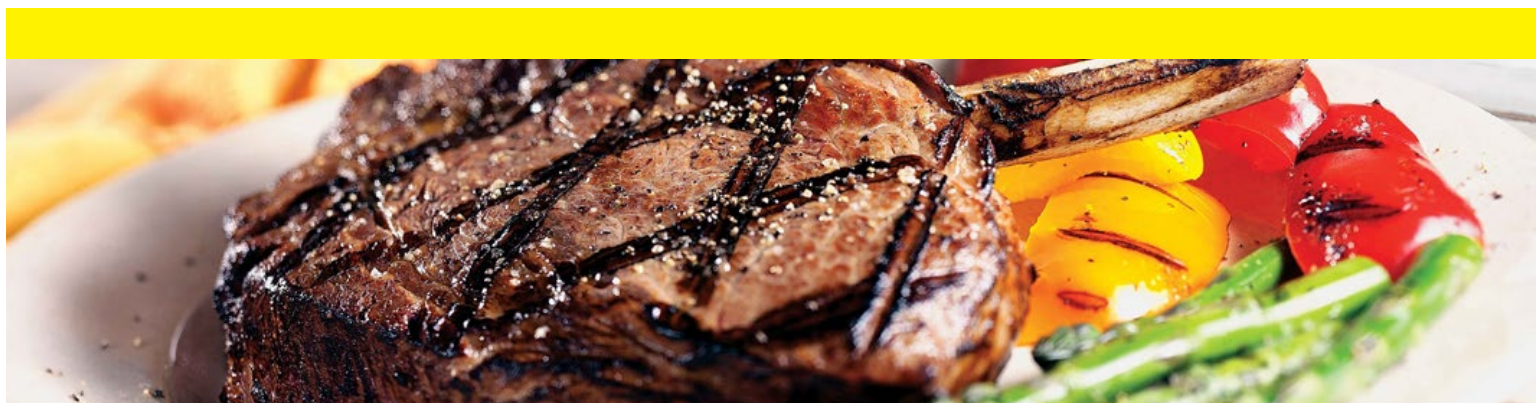
Quakertown

Brick Tavern Inn
2460 Old Bethlehem Pike
Quakertown, PA 18951
215-529-6488

McCoole's/Red Lion Inn
4 South Main Street
Quakertown, PA 18951
215-538-1776

TGI Friday's
10 N West End Blvd
Quakertown, PA 18951
215-529-4490

Spinnerstown Hotel Restaurant
2195 Spinnertown Rd
Quakertown, PA 18951
215-536-7252



PLACES TO EAT

Montgomeryville

Texas Roadhouse

115 Garded Golf Blvd
North Wales, PA 19454
215-393-4974

Red Lobster

640 Cowpath Road
Lansdale, PA 19446
215-855-5702

The Pour House

29 Airport Sqare
North Wales, PA 19454
267-645-4000

Lansdale

Margaritas Mexican Restaurant

1650 Sumneytown Pike
Lansdale, PA 19446
215-362-2266

Osaka

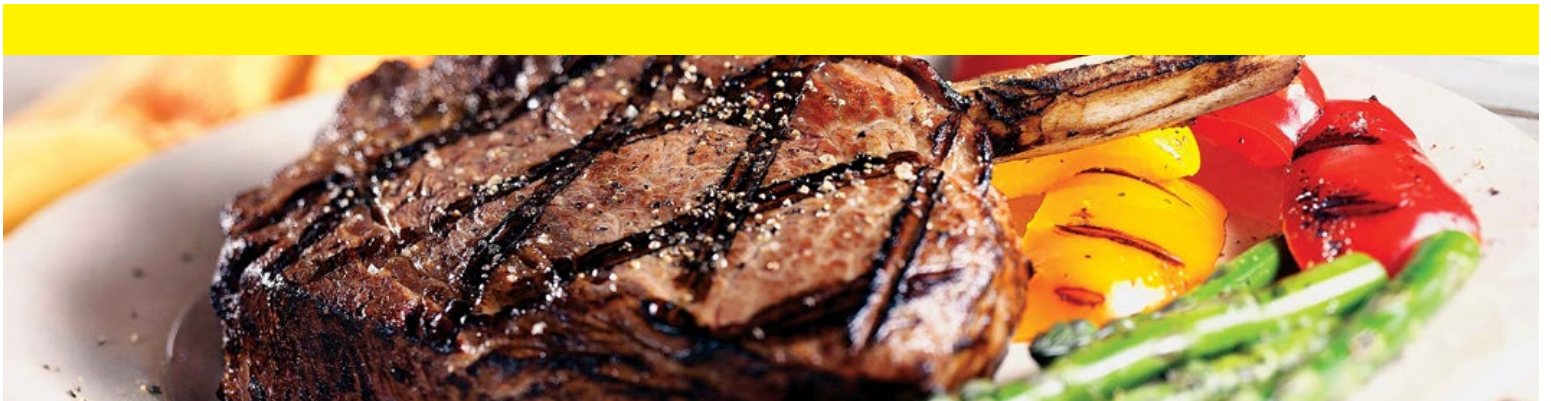
1598 Sumneytown Pike
Lansdale, PA 19446
267-222-8308

Via Marconi's Pizza Pub

190 Forty Foot Rd
Hatfield, PA 19440
215-393-1776

Applebee's

2333 Welsh Rd
Lansdale, PA 19446
215-631-9605



PLACES TO STAY



****Springhill Suites Marriott 13.9 Mi**

1930 John Fries Highway, Quakertown, PA 18951
(215) 529-6800, [Online](#)

****Holiday Inn Express & Suites 14 Mi**

1918 John Fries Highway Route 663, Quakertown, PA 18951
(215) 529-7979
Corporate ID: 100304595, [Online](#)

****Holiday Inn Lansdale 6.8 Mi**

1750 Sumneytown Pike, Kulpsville, PA 19443
(215) 368-3800
Corporate ID: 100304595, [Online](#)

Joseph Ambler Inn 7.4 Mi

1005 Horsham Road, North Wales, PA 19454
(215) 362-7500

Washington House 4.2 Mi

136 North Main Street, Sellersville, PA 18960
(215) 257-3000 x305

Courtyard Marriott 6.8 Mi

1735 Sumneytown Pike
Kulpsville, PA 19443
(215) 412-8686, [Online](#)

Other Options (no corporate rate):

Staybridge Suites 7.7 Mi

119 Garden Golf Blvd.
North Wales, PA 19454
(215) 393-8899

Hampton Inn & Suites 7.4 Mi

121 Garden Golf Blvd.
North Wales, PA 19454
(215) 412-8255

Mention Solar Atmospheres Corporate Rate when calling | **Online Booking Available

