



United Spiral Pipe, LLC, Tour, Pittsburg, CA.

Tuesday, March 12, 2013

Time: 9:20 AM **SHARP** in the parking lot of **United Spiral Pipe**
900 E 3rd St., Pittsburg, CA 94565

Leaders: United Spiral Pipe Staff

Cost: \$10 per person (**Prepaid**).
This is a non-refundable fee to ensure a place on the tour. No refunds!

A sandwich lunch will be provided, complimentary by United Spiral Pipe.

Attendance is limited to 40 persons on a first-come, first-served basis

Safety Gear Requirements:

- **Attendees must provide their own steel-toed shoes. No exceptions! No steel-toed shoes, no tour.**
- **All attendees MUST wear jeans or similar rugged pants and long-sleeved shirts.**
- **United Spiral Pipe will provide glasses, earplugs, vests, and hardhats.**

For any questions call Dan Day at 510-507-0013

The NACE San Francisco Bay Area Section has scheduled a tour of United Spiral Pipe (USP), LLC, in Pittsburg, CA. on Tuesday, March 12, 2013. It is the collaborative effort of two South Korean steel companies, POSCO and SeAH, and U.S. Steel to establish a world class steel pipe manufacturing facility on the west coast of America.

On March 22, 2007 U.S. Steel, SeAH (South Korea), and POSCO (formerly Pohang Iron & Steel Co. Ltd., South Korea) formed a joint venture to develop a high-end DSAW (double submerged arc welded) custom steel lined pipe facility. USP broke ground February 29, 2008. United Spiral Pipe is capable of producing 300,000 net tons of spiral welded pipe annually in diameters (OD) ranging from 24 to 64 inches, in wall thicknesses from 0.281 inch to 1 inch, and grades up to X80.

By a joint venture agreement, U.S. Steel and POSCO supply United Spiral Pipe with the highest quality hot rolled coils for conversion into spiral welded pipe. The substantial resources of the partnering firms allow them to meet their customers' pipe quality, integrity, and precision. USP's manufacturing philosophy is intimately tied to the corporate core values of Safety, Quality, Customer Service, and Environmental Awareness.

USP utilizes an advanced and automated two step process for making spiral welded pipe. The broad product size range, robust capacity, pipe-coating capabilities, and strategic location will make United Spiral Pipe a strong presence in the rapidly growing North-American pipeline market. Although targeted for the growing oil and gas industry, spiral welded pipe is often used in the water and wastewater industry. This tour will showcase state-of-the-art techniques for manufacturing, lining, and coating spiral welded steel pipe.

The Tour Agenda is below:

9:30 AM Check In / Introduction / Plant Safety Discussion

10:00 AM Plant Tour with the following itinerary

- Safety Overview
- 15 minute plant overview presentation
- Pipe mill our demonstrating:
 - Raw material storage
 - Raw material preparation for fabrication
 - Steel coil edge milling
 - Coil skelp welding
 - Helical forming
 - GMAW (Gas Metal Arc Welding) tack welding
 - Plasma cutting to length
 - Initial inspection and cleaning
 - Offline submerged arc welding
 - Non-destructive testing (Hydrostatic test, ultrasonic inspection, X-ray examination)
 - End beveling
 - Final inspection
 - Coating application
 - Preheat
 - Blasting
 - Inside cleaning
 - OD acid wash
 - OD rinse
 - Induction heating
 - Fusion bonded epoxy (FBE) application
 - Water cooling
 - End cut back buffing
 - Final inspection

11:00 AM One half hour Question and Answer Session

11:30 AM Sandwich lunch

12:00 Noon Adjourn

Please fill out the Registration Form below and mail it with a check **made out to NACE S.F. Section** (\$10 per person) to **Dan Day, 9 Bramblewood Court, Danville, CA 94506**. **You can also pay with cash or check at the NACE S.F. Section February 12th meeting!** Sign up today to enjoy a tour of one of the newest and most efficient pipe fabricating factories on the West Coast.

Please fill out the registration form and mail it with a check for the attendees to Dan Day at posted address. The tour is on a first come-first served basis, so please sign up today. There are only 40 places available on the tour. **SIGN UP AND PAY NOW!!!**

REGISTRATION FORM

Please RSVP to danday94@pacbell.net immediately!

Name _____

Address (Street/City/Zip) _____

Phone _____ E-mail (required) _____

Number in your party _____

Please note: Cost is \$10.00 per person

Please complete and mail this attached registration form with a check made out to NACE S.F. Section to:

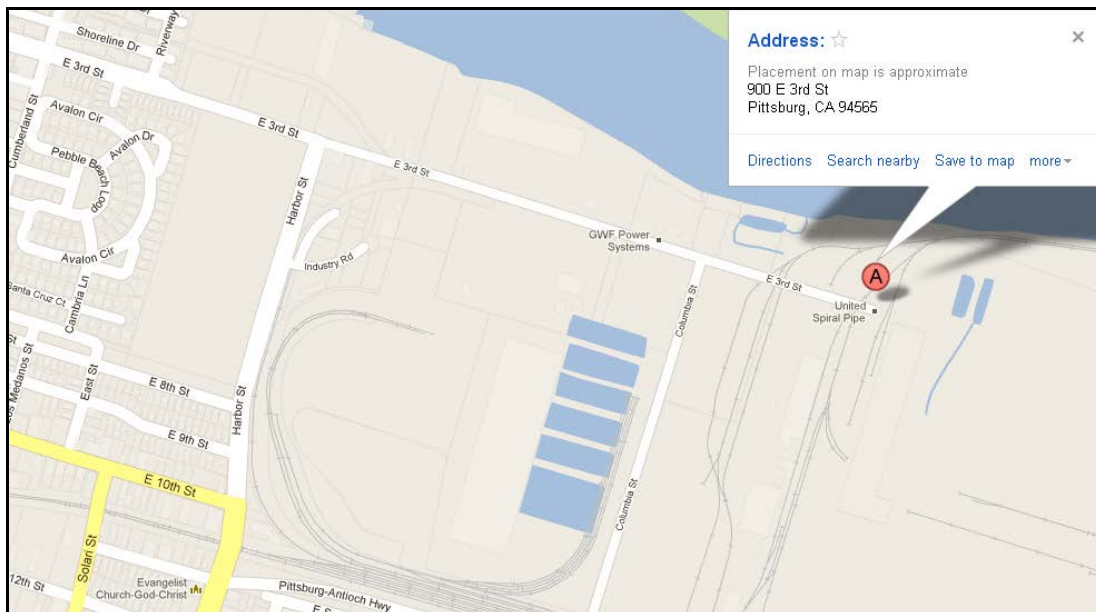
**Dan Day
9 Bramblewood Court
Danville, CA 94506-1130**

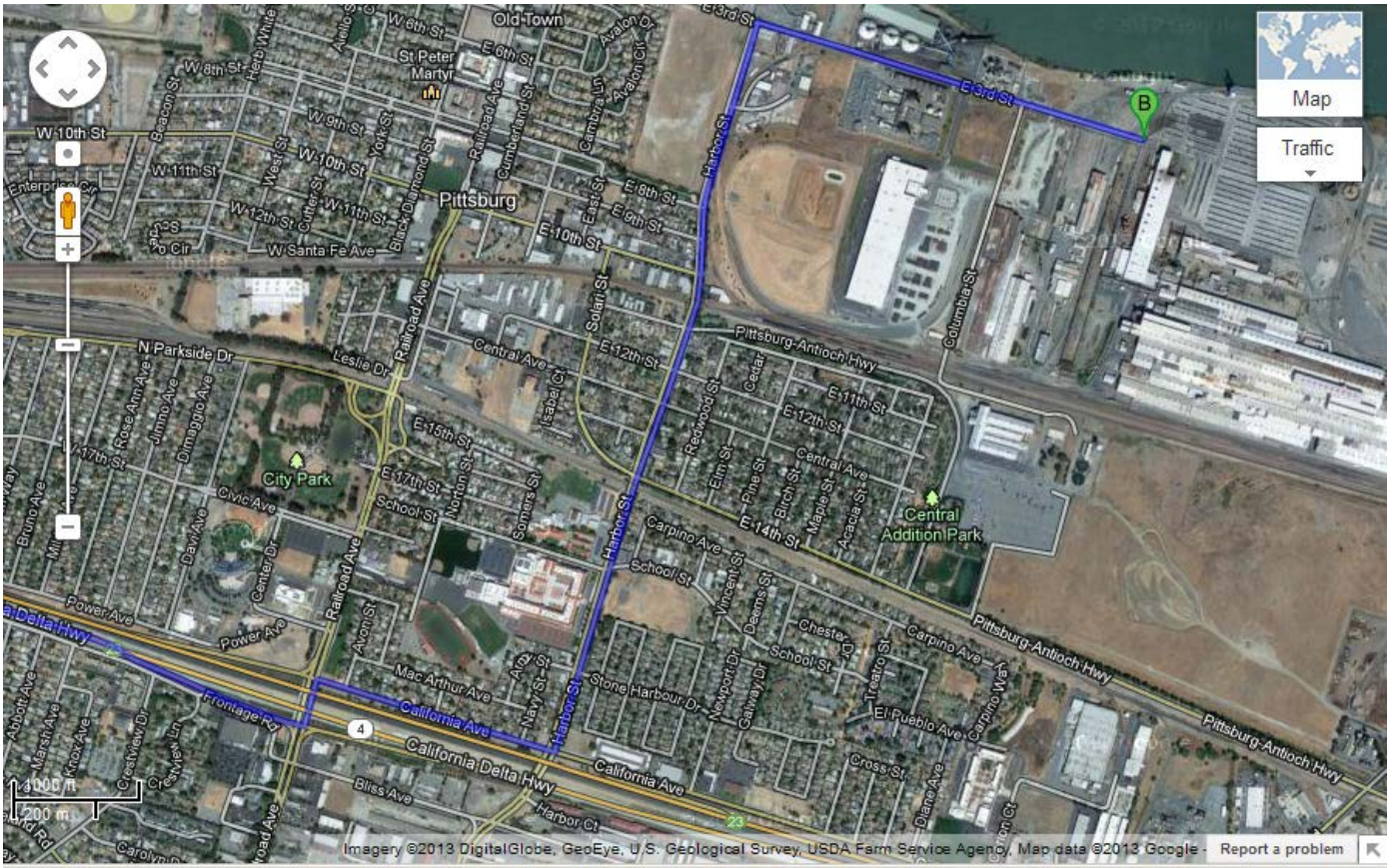
Please mail this form to Dan Day at the address above immediately. Only 40 places are available!

For any questions call Dan Day at 510-507-0013

United Spiral Pipe
900 E 3rd St., Pittsburg, CA 94565
(925) 526-3100

Directions to the USP Plant in Pittsburg, CA., are detailed below.





Directions: Take Hwy 4 off I-680 east towards Stockton. Take Exit 23 for Railroad Ave. Turn left on Railroad Ave. at the end of the off ramp, cross over Hwy 4 (north) and make an **immediate** right turn onto California Ave. Turn left onto Harbor St. Drive north past E. 14th St., E. Santa Fe Ave., and E. 8th St. Harbor St. dead-ends at E. 3rd St. Turn right at E. 3rd St. and continue east past Columbia St. to the USP entrance. NACE Section representatives will be there to direct attendees to the designated parking area.

PLEASE ARRIVE NO LATER THAN 9:20 AM. OUR TOUR IS SCHEDULED TO BEGIN PROMPTLY AT 9:30 AM.