Tour 1: Chicago Plant Tours A

Tuesday, September 22, 2020

8:30 a.m.   Depart Marriott Magnificent Mile Downtown
9:30 a.m.   Arrive SpringHill Suites by Marriott Chicago Naperville
10:30 a.m.  Departs SpringHill Suites by Marriott Chicago Naperville
11:00 a.m.  Arrive Forge Resources Group
1:00 p.m.   Depart Forge Resources Group
1:30 p.m.   Arrives at Topgolf
Lunch & Topgolf Activity
4:00 p.m.   Depart Topgolf
4:15 p.m.   Arrive SpringHill Suites by Marriott Chicago Naperville
Dinner on own

Wednesday, September 23, 2020

8:30 a.m.   Depart SpringHill Suites by Marriott Chicago Naperville
9:00 a.m.   Arrive Fox Valley Forge Co.
11:00 a.m.  Depart Fox Valley Forge Co.
11:30 a.m.  Arrive Sullivan’s Steak House
Lunch at Sullivan’s Steak House
1:00 p.m.   Depart Sullivan’s Steak House
2:00 p.m.   Arrive Finkl Steel
4:00 p.m.   Depart Finkl Steel
5:00 p.m.   Arrive SpringHill Suites by Marriott Chicago Naperville
Dinner on own

Note: Plant Tour 1 registration includes motorcoach transportation from the Marriott Magnificent Mile Downtown to the SpringHill Suites by Marriott Chicago Naperville; two nights at the SpringHill Suites by Marriott Chicago Naperville (one hotel room); motorcoach transportation during plant tours; lunch at Topgolf; the Topgolf activity; and lunch at Sullivan’s Steak House. There will be no reduction in registration fee for shared hotel rooms. Protective eyewear, hearing protection and hard hats will be provided.
PLANT TOURS

Profile of Companies

FORGE RESOURCES GROUP
- Website: www.forgeresourcesgroup.com
- Forging Process: Closed Die Forgings
- Materials Forged: Alloy Steel, Stainless Steel, Aluminum
- Markets: Power Generation, Off-Highway, Medical, Mining, Oil & Gas, Heavy Truck, Shipbuilding, Recreation, Agriculture, Railroad, Aerospace, Defense
- Weight or Size Range: Carbon Steel: Up to 350 lbs, Up to 310 in²; Alloy Steel: Up to 350 lbs, Up to 310 in²; Stainless Steel: Up to 100 lbs, Up to 100 in²; Aluminum: Up to 50 lbs, Up to 80 in²
- Main Equipment: Hammers 1,000-16,000 lbs, Presses 1,300-6,000 tons, Upsetters 2-6 inch shaft, up to 11 inch flange
- Special Notes: ISO 9001, AS 9100 and ITAR compliant

FOX VALLEY FORGE CO.
- Website: www.foxvalleyforge.com
- Forging Process: Closed Die Forgings
- Materials Forged: Steel
- Products: Custom Shapes, Forged Tube & Pipe, Gear Blanks, Axle Shafts, Cam Shafts, Counter Shafts, Drive Shafts, Flanged Shafts, Input and Output Shafts, Mandrels, Percussion Rock Bits, Pinions, Pony Rods, Pup Joints, Spindles, Spool, Suction Valves and Discharge Valves
- Weight or Size Range: 2500 Ton Mechanical Press, 3000 Ton Hydraulic Press, Inline Cutting and Heating, Robotic Manipulation, 100% Induction Heating
- Main Equipment: Horizontal Upset Forging Machines, Vertical Automated Press Forging Cells

FINKL STEEL
- Website: www.finkl.com
- Forging Process: Forging die steels, Plastic mold steels, Die casting tool steels, Custom open-die forgings
- Materials Forged: Steel and Stainless Steel
- Products: Mold Steel, Die Steel, Die Casting, Cold Work, Bars & Custom Forgings, Billets & Ingots
- Markets: Aerospace, Automotive, Defense, Heavy Manufacturing, Mining, Oil & Gas
- Weight or Size Range: Finkl Steel Chicago: Max. Forge Weight Over 100 tons; Finkl Steel Detroit: Max. Forge Weight 20 tons; Finkl Steel Sorel: Max. Forge Weight Over 40 tons
- Special Notes: ISO 9001:2015
PLANT TOURS

Tour 2: Chicago Plant Tours B

Tuesday, September 22, 2020

8:00 a.m.  Depart Marriott Magnificent Mile Downtown
8:30 a.m.  Arrive Marriott Chicago O'Hare
10:30 a.m. Depart Marriott Chicago O'Hare
10:45 p.m. Arrive Scot Forge, Franklin Park
12:15 p.m. Depart Scot Forge, Franklin Park
12:45 p.m. Arrive The Saddle Room
          Lunch at The Saddle Room
2:30 p.m.  Depart The Saddle Room
2:45 p.m.  Arrive Elgin Sweeper Co.
4:45 p.m.  Depart Elgin Sweeper Co.
5:25 p.m.  Arrive Marriott Chicago O'Hare
          Dinner on own

Wednesday, September 23, 2020

9:30 a.m.  Depart Marriott Chicago O'Hare
10:15 a.m. Arrive Cornell Forge Co.
12:15 p.m. Depart Cornell Forge Co.
12:45 p.m. Arrive Lagunitas Brewing Company
          Lunch & Brewery Tour
3:00 p.m.  Depart Lagunitas Brewing Company
3:30 p.m.  Arrive Marriott Chicago O'Hare
          Dinner on own

Note: Plant Tour 2 registration includes motorcoach transportation from the Marriott Magnificent Mile Downtown to the Marriott Chicago O'Hare; two nights at the Marriott Chicago O'Hare (one hotel room); motorcoach transportation during the plant tours; lunch at The Saddle Room; lunch at Lagunitas Brewing Company; and the Lagunitas Brewing Company tour activity. There will be no reduction in registration fee for shared hotel rooms. Protective eyewear, hearing protection and hard hats will be provided.
Profile of Companies

SCOT FORGE - FRANKLIN PARK (CLOSED DIE)

- **Website:** [www.scotforge.com](http://www.scotforge.com)
- **# of Employees at site:** Spring Grove, IL: 349; Clinton, WI: 156; Franklin Park, IL: 42
- **Forging Process:** Closed Die, Open Die, Seamless Rolled Ring
- **Materials forged:** Steel, Stainless Steel, Carbon, Alloy & Tool Steel, Aluminum, Highlander 613, Copper, Titanium, Nickel
- **Products:** Semi-Closed Die, Hubs/Tooled Forgings, Bars, Complex Forged Shapes, Discs/Blanks, Hollows, Rings, Step Shafts, Torch or Profile Cut
- **Markets:** Aerospace, Bar Service Centers, Defense, Education & Research, Gears, Heavy Industrial Equipment, Infrastructure, Mining, Nuclear, Oil & Gas, Power Generation, Shipbuilding
- **Weight or Size Range:** closed die products from 3 lbs to 3,000 lbs, with further plant capability in weights from 1 lb. to 300,000 lbs; rolled rings as large as 240” O.D., 49” face height and with weights up to 65,000 lbs.
- **Main Equipment:** 8 Pneumatic Presses and Hammers Ranging from 4,000 to 9,500 Tons, Ring Mills, Bar Rolling/Planishing
- **Special Notes:** Certified to ISO 9001:2015, AS9100D, Nadcap Heat Treating and Non-Destructive Testing, ABS, DNV, PED-EU, OSHA, and Lloyd’s Register

ELGIN SWEEPER CO.

- **Website:** [www.elginsweeper.com](http://www.elginsweeper.com)
- **Products:** Mechanical Sweepers, Regenerative Air Sweepers, Vacuum Sweepers, Waterless Sweepers, CNG Sweepers
- **Markets:** Municipal, Construction, Industrial, Airport
- **Special Notes:** Elgin equipment utilizes all variations of today’s sweeping technology — mechanical, pure vacuum sweepers, regenerative air, alternative fuel, waterless dust control — and now a single-engine technology.

CORNELL FORGE CO.

- **Website:** [www.cornellforge.com](http://www.cornellforge.com)
- **Materials Forged:** Carbon/alloy steel up to 100lbs, Stainless steel up to 30lbs
- **Products:** Brackets, Gears, Levers, Sprockets, Spindles, Pinions, Wheel hubs, Fittings, Gear blanks, Gun components, Rail components, Stainless steel golf clubs, Refrigeration components, Valve bodies
- **Markets:** Agriculture, Off-highway, Hand-tools, Medical-Tools, Sports, Marine, Oil-and-gas, Recreation, Rail, Firearms-and-defence, Aerospace, Construction-and-forestry, Gear box
- **Special Notes:** ISO 9001:2015 certified
Tour 3: Los Angeles Plant Tours

Plant Tour registration does not include travel to Los Angeles, CA.

Wednesday, September 23, 2020

5:00 p.m. Depart Residence Inn Long Beach Downtown Hotel
5:10 p.m. Arrive Parkers’ Lighthouse
           Dinner at Parkers’ Lighthouse
7:00 p.m. Depart Parkers’ Lighthouse
7:10 p.m. Arrive Residence Inn Long Beach Downtown

Thursday, September 24, 2020

9:00 a.m. Depart Residence Inn Long Beach Downtown Hotel
9:30 a.m. Arrive Weber Metals
11:30 a.m. Depart Weber Metals
12:00 p.m. Arrive Boathouse on the Bay
           Lunch at Boathouse on the Bay
1:30 p.m. Depart Boathouse on the Bay
2:00 p.m. Arrive Aluminum Precision Products, Inc.
4:00 p.m. Depart Aluminum Precision Products, Inc.
4:30 p.m. Arrive Residence Inn Long Beach Downtown Hotel
           Dinner on own

Note: Plant Tour 3 registration includes two nights (one hotel room) at The Residence Inn Long Beach Downtown, (September 23 and 24); motorcoach transportation to Parkers’ Lighthouse; dinner at Parkers’ Lighthouse; motorcoach transportation during plant tours; and lunch at Boathouse on the Bay. There will be no reduction in registration fee for shared hotel rooms. Delegates are responsible for their own travel arrangements to Los Angeles, California. Protective eyewear, hearing protection and hard hats will be provided.
Profile of Companies

WEBER METALS
- Website: www.webermetals.com
- Forging Process: Closed Die Forging, Open Die Forging
- Materials Forged: Aluminum, Titanium
- Products: Engineering Hand Forgings, Large Monolithic Forgings, Rotating Parts
- Markets: Business, Regional, & Commercial Jets, Rotor Craft, Land-Based Power Generation, Semiconductors Capitol Equipment, Space Programs, Military Fixed Wing, Aero Engine
- Weight or Size Range: Open Die Forging; Up to 11,000 lbs, ST > 4”, LT > 11” < 38”, LG < 22 ft, Closed Die Forging; Up to 4,000 lbs, Presses from 3,600 Tons to 60,000 tons - the largest press in the western hemisphere.
- Main Equipment: Forging Presses

ALUMINUM PRECISION PRODUCTS, INC.
- Website: www.aluminumprecision.com
- Forging Process: Closed Die Forgings, Hand “Open Die” Forgings
- Materials Forged: Aluminum, Titanium
- Products: Titanium Forgings, Forged Wheels, Forged Pistons
- Markets: Aerospace, Automotive, Defense, Industrial, Locomotive, Medical, Motorsports, Power Generation, Semiconductor, Sports & Leisure
- Weight or Size Range: 42 Hydraulic Forging Presses: Tonnage Range from 8,000 to 300, 9; Mechanical Forging Presses: Tonnage Range from 4,000 to 600, 3; Spin Forging Centers: Flow Form up to 24” in Diameter
- Main Equipment: Forging Presses