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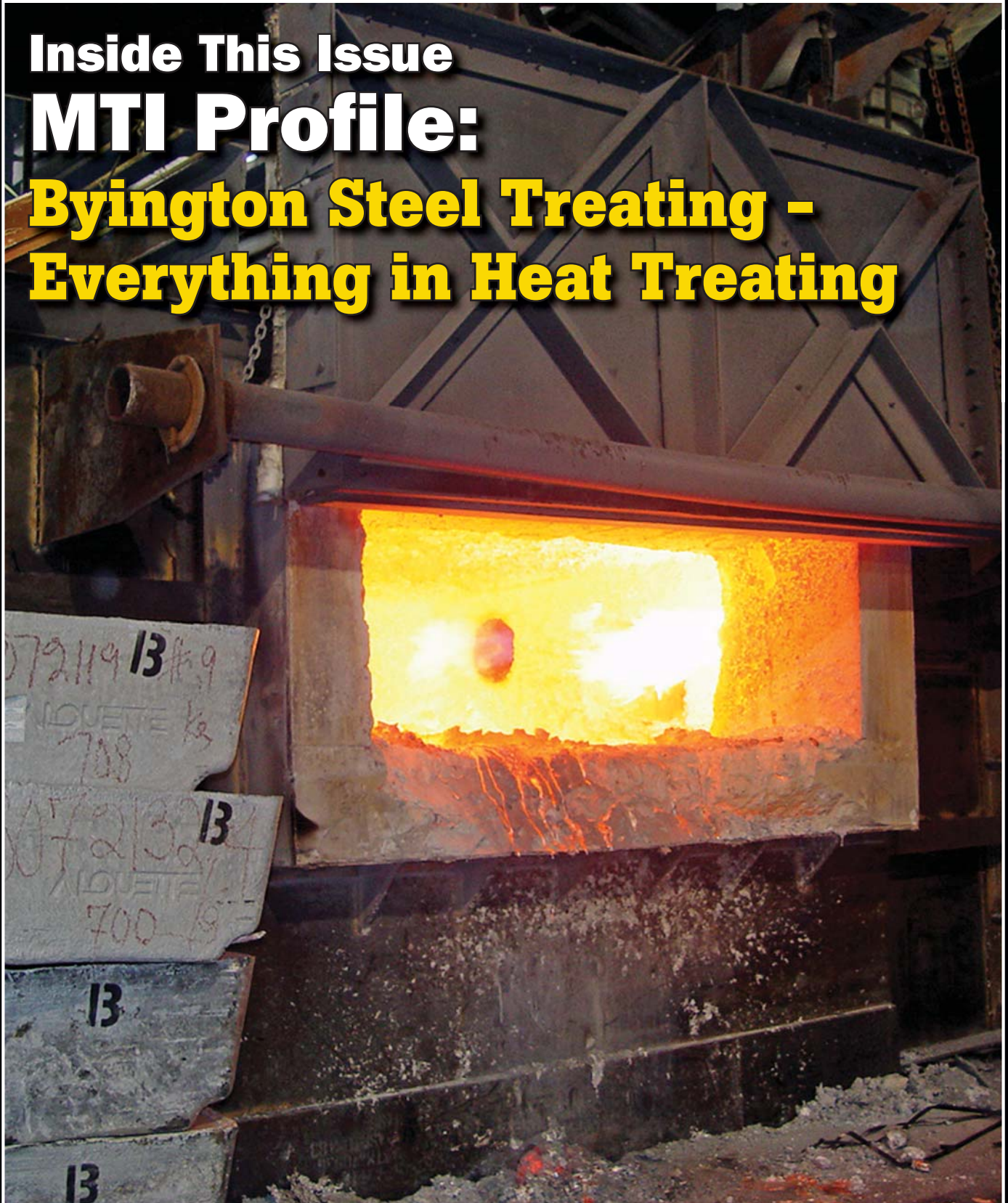
Industrial Heating

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**Byington Steel Treating -
Everything in Heat Treating**



MTI PROFILE

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Byington Steel Treating

Everything in Heat Treating

It's hard to believe Byington Steel Treating started out as a one-man operation.

In 1952, Bill Byington leased a small building in Santa Clara, Calif., and started heat treating with just a couple of furnaces.

Today, Byington Steel Treating is one of the largest heat-treat companies in the northwest United States and one of a select few full-service heat-treat businesses that serves the Bay Area. They provide a host of diverse services 24 hours a day, operate out of three buildings totaling 28,000 square feet and have 30 employees.

Byington Steel Treating is unique in more ways than one.

This MTI member is "the heat treater" to Silicon Valley, which is renowned for the large number of high-tech businesses that call the area home. In fact, they were one of the first businesses in Silicon Valley. Byington Steel Treating is also capable of heat treating parts with a wide range of size and weight – "as small as a gnat and as large as a car, from micro-technology to the space shuttle."

Aside from general heat treating, Byington Steel Treating offers induction hardening, normalizing, bright hardening, aluminum heat treating, stress relieving, precipitation hardening carburizing, nitriding and vacuum heat treating – to name a few.

A host of equipment is needed to provide these services, and Byington Steel Treating has just that. Their buildings house a G-M vacuum furnace (one of the largest in the northwest United States), a car bottom furnace that can treat parts up to 30,000 pounds and multiple large pit and Despatch fur-

naces for heat treating aluminum.

Byington Steel Treating also has protective gas hardening furnaces with a capacity of 1,000 pounds apiece and a maximum operating temperature of 2100°F. In addition, they have five general heat-treating furnaces (two large, three small) and an induction heater on-site.

All this equipment serves industries such as high-technology, medical, aerospace, military and nuclear. Byington Steel Treating currently treats over 10,000 pounds per day of aluminum, brass, copper, beryllium copper and phosphor bronze.

Byington Steel Treating is continuously improving and growing. The company is in the process of acquiring ISO certification, upgrading their furnaces and adding lab services. Byington Steel Treating currently tests with Rockwell scales A, B, C, 15N and 30N. They also have two Brinell testers and a new Leco microhardness tester on-site.

Byington Steel Treating, a part of the Santa Clara Chamber of Commerce since 1958, is a member of the National Association of Machining and the American Metal Society. Their production employees are MTI Academy educated with an average of five classes completed per employee, and CEO Kathryn Byington and CFO Rod Bravo are both recent graduates of MTI's Young Executive Series. Don Judson, VP of plant operations, has more than 30 years of experience in the heat-treating industry.

For more information: Byington Steel Treating, 1225 Memorex Drive, Santa Clara, CA 95050; phone: 408-727-6630; fax: 408-727-8218; web: www.byingtonsteel.com.



Photography by Skip Marell