

## News Release

### *For Immediate Release*

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## J. L. Becker IQ Furnace Line Commissioned at East Carolina Metal Treating



J. L. Becker, a Gasbarre Furnace Group Company, recently manufactured, shipped and commissioned a complete IQ Furnace line at the East Carolina Metal Treating facility in Raleigh, NC. The system is configured to process 36" wide by 48" long by 36" high workloads that weigh up to 4,000 lbs. and includes an Integral Quench Furnace, two (2) Temper Furnaces, a Spray and Dunk Washer, a Powered Load Transfer Cart, a scissors lift table and two (2) stationary load tables. According to Jamie Ramm, President of ECMT, the new line reflects the company's long tradition of continually improving their ability to provide excellent service to their customers.

The IQ Furnace features a high energy efficient recuperative radiant tube heating system, nitrogen/methanol panel, and a double deck elevator which enables multi-load processing. To ease maintenance, the circulating fan assembly is bung mounted, and a catwalk provides access components on the top of the heating chamber. The Temper Furnaces are both electrically heated and are lined with ceramic fiber insulation. A high convection, bung mounted squirrel cage achieves excellent temperature uniformity throughout the workload area in the Temper Furnaces. The Spray and Dunk Washer is electrically heated. Dunking, oscillating and spraying

sequences are employed to remove quench oil, machine lubricants and other contaminants from workloads in the Washer. An oil separation system removes contaminants from the wash solution. A powered double ended cart transfers workloads throughout the system. To meet AMS 2750 requirements, the equipment is configured to tie into ECMT's existing SCADA system for data logging.

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Located in Plymouth, MI, J. L. Becker, a Gasbarre Furnace Group company, has manufactured a full line of industrial heat processing equipment for over 40 years, providing excellence in design, construction, and service. The equipment includes both batch and continuous systems and specializes in Tip Up, Box, Pit, and Car Bottom Furnaces as well as aftermarket support including a full line of replacement parts, and auxiliary equipment (atmosphere generators, quench tanks, and charge cars).

Also in business for over 40 years, East Carolina Metal Treating of Raleigh, NC and its sister company, Virginia Metal Treating of Lynchburg, VA focus on providing superior quality and turnaround time. ECMT is Nadcap accredited for heat treating and aerospace quality systems, so the company is adept at servicing original equipment manufacturers and supply chain participants in the burgeoning aerospace sector in the Southeast. The company is also compliant with ITAR and AS9100D, certified for ISO9001-2015, and a holder of a Federal Firearms License. Hundreds of manufacturers across a wide variety of industries already rely on the company's high quality heat treatment and brazing services.

For more information on how J. L. Becker can manufacture custom-engineered heat treating equipment solutions for your specific thermal heating requirements, contact Patrick Weymer at (815) 721-6467 or via email at [pweymer@jlbecker.com](mailto:pweymer@jlbecker.com). You can also visit our websites at [www.jlbecker.com](http://www.jlbecker.com) and [www.gasbarrefurnacegroup.com](http://www.gasbarrefurnacegroup.com) and find us on LinkedIn (Gasbarre Products Inc.), Twitter ([@gasproinc](https://twitter.com/gasproinc)), and Facebook (Gasbarre Products Inc.).

Find out more about East Carolina Metal Treating at [www.ecmtinc.com](http://www.ecmtinc.com) or contact James Ramm at ECMT at (919) 834-2100 or via email at [james@ecmtinc.com](mailto:james@ecmtinc.com). You can also find them on Twitter (@ECMTinc) and on Facebook.

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