

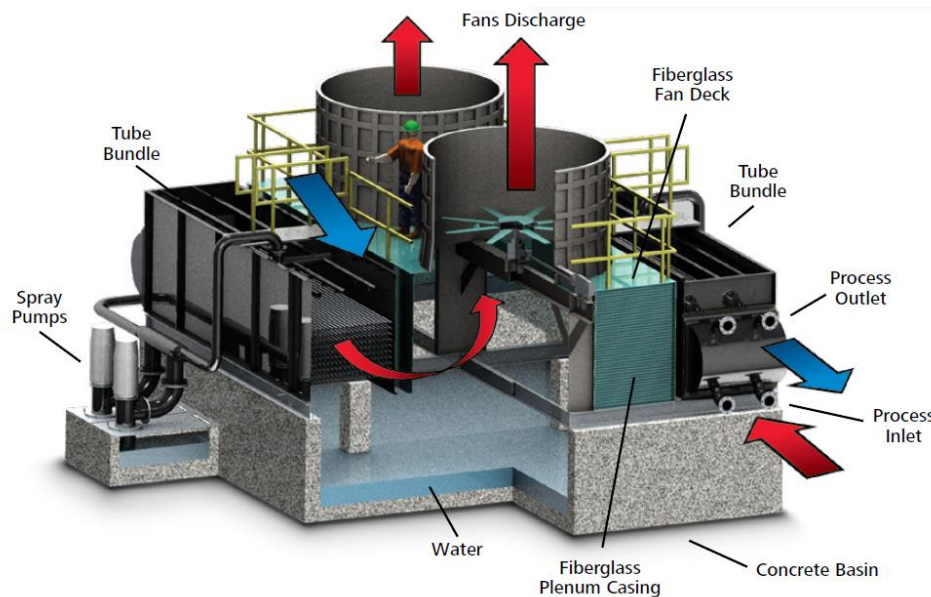
FOR IMMEDIATE RELEASE

J.D. Cousins EconoCooler for furnace cooling at new high-tech silicon metal manufacturing facility

(BUFFALO, NY 8-12-14) J.D. Cousins, a leading designer and manufacturer of heat exchangers since 1904, has been selected to engineer, design, and manufacture a large submerged arc furnace cooler for Mississippi Silicon in Burnsville, Mississippi.

As stated by Mississippi Governor Phil Bryant at an announcement on December 31, 2013, “The new Mississippi based facility will produce silicon metal for a broad range of industries in the United States including the aluminum, automotive, and chemical industries. Mississippi Silicon’s high-tech facility is expected to be one of the most efficient and cost competitive silicon metal production facilities in the world.”

The EconoCooler will provide closed-circuit cooling water to a large furnace critical to the operation of the plant. The EconoCooler is a hybrid evaporative [closed loop evaporative system with a single step process](#) that replaces conventional heat exchange systems and uses less horse power, less space, and can use low quality water for spray water make up. It also provides lower process temperatures and requires minimal maintenance, which is particularly important to Mississippi Silicon since the furnace must operate on a continuous basis. These benefits dovetail with Mississippi Silicon’s goal of energy efficiency and environmental integrity.



J. D. Cousins teamed up with EvapTech, Inc located in Lenexa, KS, which is supplying the air delivery system, pultruded fiberglass fan deck, plenum sides, and support structure. EvapTech, a wholly owned subsidiary of Evapco, Inc is a leading designer and builder of field erected open cooling towers.

For further information, please contact Elizabeth Hyde, Product Manager at J. D. Cousins, at 716.824.1098 or emh@jdcousins.com. Visit our website at www.jdcousins.com.

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About JD Cousins: Founded in 1904, **J.D. Cousins** specializes in heat transfer and process equipment for over 100 years. Each product is custom-engineered and built in our state of the art manufacturing facility in Buffalo, NY. JD Cousins serves the power generation, ethanol production, chemical processing, steel, petroleum refineries, oil, gas, water conservation markets among others. To learn more about J.D. Cousins and the EconoCool product visit www.jdcousins.com or join us on [LinkedIn](#) or [Facebook](#).

About EvapTech: **EvapTech** is a premier cooling tower designer, manufacturer, and contractor providing Innovative Cooling Solutions for the satisfaction of customer needs in the power generation, industrial, refrigeration, and HVAC evaporative cooling markets. EvapTech offers new and replacement field erected cooling towers and a variety of field erected cooling tower parts and aftermarket services. To learn more about EvapTech www.evaptech.com.