



### **Thompson Industries Receives Nadcap Accreditation**

Hawthorne, CA, September 16, 2009 – Thompson Industries (Thompson), a TSI Group, Inc. company, is pleased to announce their successful completion of Nadcap accreditation for vacuum brazing and heat treating.

Vacuum brazing is done in a vacuum oven which results in a braze joint that is free of brazing salts, fluxes and voids. Vacuum brazing also permits brazing components with dense or blind passages, which would otherwise be impossible to clean using salt bath (flux) techniques. Thompson has two vacuum braze ovens.

Heat Treating is performed to alloy in the solid state to obtain desired conditions or properties. Thompson works with aluminum that is heat treated to either a T4 or T6 condition. Obtaining these properties consists of three separate processes; solution heat treating, quenching and aging. The basic principles of these processes are to heat the material up to a softened condition so the constituents of the alloy enter into a solid state. Thompson has two heat treating furnaces and three aging furnaces.

Thompson president, Kevin Rowan states, “Thompson offers customers industry leading thermal solutions, this coupled with our commitment to the aerospace industry lead us to pursue Nadcap certification for vacuum brazing and heat treating. We are honored to add this certification to our portfolio of achievements in the markets we serve.”

Performance Review Institute (PRI), the not-for-profit administrative body for Nadcap, states, “Nadcap is an industry-managed, consensus approach to industry oversight of special process and product quality. Nadcap accreditation is an important commitment to continual improvement and quality.”

#### **About Thompson Industries**

Thompson Industries is an industry leader in the manufacturing of heat exchangers, cold plates, aluminum vacuum furnace brazing, dip brazing, heat treating, fin forming, high speed machining and thermal analysis and testing. Visit Thompson at: [www.tibrazing.com](http://www.tibrazing.com)

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