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# SME – July 2009 Factory Tour

Society of Manufacturing Engineers  
Chapter 051 – North Texas Chapter

## Western Extrusions - Carrollton, Texas

**Date:** Thursday July 30, 2009

**Time:** 6:30 pm

**Cost:** **Free!**

This month the North Texas chapter of SME will tour Western Extrusions in Carrollton, Texas. Extruded aluminum is used in many consumer and industrial products that you see every day. Extrusion is an excellent process to quickly produce intricate aluminum parts that would be impossible to create any other way. Founded in 1979, Western Extrusions has grown from the original 49,000 square feet facility with a single 1,650-ton press to over 550,000 square feet of manufacturing space that includes multiple presses, a horizontal paint line, anodizing, and fabrication centers. Western Extrusions has the most technologically advanced extrusion lines in North America. Western Extrusions has 5 presses capable of producing shapes up to a 13-inch circle size with extrusion lengths up to 60 feet. The lines have the most sophisticated cooling/quenching systems available, ensuring consistent temper specifications with minimal distortion. Western offers 1060, 6063, 6005, 6061 and 6463 alloys. Western can supply product in a broad range of sizes, solid and hollow shapes, and precision tolerances demanded by ever-changing industry needs. Using state-of-the-art software, Western's engineers can draft extrusion die prints for any type of aluminum application. Their engineers also provide valuable consultation assistance. Post operations are available on state-of-the-art machining centers which reduce turnaround time and overall cost. Saw capabilities include batch saw for high volume 90-degree cuts with a tight tolerance up to 30 feet, and precision miter saws for lengths up to 30 feet. Western Extrusion's anodizing capabilities include mechanical finishing, polishing, straight brush, spiral brush and cross-hatch brush for lengths up to 25 feet. They also offer chemical finishing and etch capabilities in clear, gold, bronze, black and champagne, plus brite-dip capabilities in silver, gold, bronze, black, champagne and platinum (brushed nickel) for lengths up to 30 feet.

**Location:** Western Extrusions

Attn: Kent Conley

1735 Sandy Lake Rd.

Carrollton, TX 75006, USA

Tel (800)888-6063 Fax (972)245-2980 <http://www.westernextrusions.com>

**Please RSVP by Wednesday July 29:**

Paul Oehler - SME Chapter 051 Chairman at [factorybuilder@yahoo.com](mailto:factorybuilder@yahoo.com) or call 817-656-0048 x 114

<http://www.chapters.sme.org/051/>

**July Chapter Statistics:**

# Of Members: 227

# Of Life Members: 40

# Members with Lean Certification: 15.36%

# of Members Without E-Mail: 61

*Please volunteer to help us call our membership!*

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