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**ADVANCED REFINING CONCEPTS TAKES  
DELIVERY ON HALF-MILLION DOLLAR ROBOT**

***-- New Technology Will Build Catalytic Plates for  
Company's Pollution-Free ClearRefining™ Units --***

**Reno, Nev. – November 12, 2009** – Advanced Refining Concepts, LLC, (ARC), a privately held developer and manufacturer of proprietary motor and industrial fuels, today announced that it has taken delivery on a state-of-the-art robot from DWFritz Automation, Inc.

The robotic system, designed and built by DWFritz using an ABB robot and other custom-designed machinery, will produce the catalytic plates used in ARC's *ClearRefining*™ process, a closed loop, zero discharge process that efficiently and cost effectively liquefies natural gas or other methane sources. The half-million dollar automated robotic system, constructed and programmed according to ARC's specifications, will produce approximately 10 catalytic plates per day.

“This robot will have a dramatic impact on several critical aspects of ARC's business, including operational efficiency and quality control of our proprietary catalytic plates,” said Peter Gunnerman, co-founder of Advanced Refining Concepts. “The bottom line is that it will help speed up the process and meet the expected high customer demands for our fuel products.”

The robot will be installed at ARC's new equipment assembly plant in Sparks, Nev. The 53,000 square-foot facility, opened in August, 2009, serves as the company's main site for assembling production equipment.

Once manufactured, the catalytic plates are installed in the *ClearRefining*™ units, which will then be shipped to ARC's new Peru Heights facility, a Northern Nevada production plant currently under construction. Expected to be completed in January 2010, the 100,000-gallon per day plant located approximately 10 miles east of Reno, Nev., will produce the company's inaugural product *GDiesel*™, a clean and efficient domestically produced No. 1 diesel fuel.

**[About DWFritz](#)**

DWFritz specializes in designing and building sophisticated, custom, turnkey manufacturing automation systems. A leading systems integrator and custom automation machine builder, DWFritz has proven expertise in intelligent machine vision, advanced robotics, and micron-level precision technologies. For more information visit [www.dwfritz.com](http://www.dwfritz.com).

#### **About Advanced Refining Concepts, LLC**

Advanced Refining Concepts (ARC) develops and manufactures fuels that produce cleaner emissions and more efficient combustion. ARC's products are manufactured using the company's proprietary *ClearRefining*<sup>™</sup> process, a pollution-free, single-step method for liquefying and combining natural gas, or other biogases, with a petroleum base to form ultra clean liquid motor and industrial fuels. Replacing traditional petroleum-based fuels with the company's domestically produced fuel products reduces greenhouse gas emissions and reliance on imported oil. The company's products, *GDiesel*<sup>™</sup>, *GPetrol*<sup>™</sup> and *GJet*<sup>™</sup>, are compatible with existing fuel storage and dispensing equipment and require no modifications to vehicles or power generating equipment.

For more information, visit [www.AdvancedRefiningConcepts.com](http://www.AdvancedRefiningConcepts.com) or [www.ClearRefining.com](http://www.ClearRefining.com).



*ARC's half-million dollar robotic system, designed and built by DWFritz using an ABB robot and other custom-designed machinery, will produce approximately 10 catalytic plates per day for the company's ClearRefining<sup>™</sup> units.*