



STATEMENT OF QUALIFICATIONS:
GREEN INDUSTRIAL FACILITY DESIGN SUPPORT

FEBRUARY 2007

Point380, LLC has the experience and capability to assist industrial companies and architectural & engineering firms to design and develop cost-effective green industrial facilities. **Point380** has unique experience driving advanced efficient and sustainable design for major processing and manufacturing companies.

For in-depth information on past projects, methodologies and references please contact:

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RELEVANT PROJECT EXPERIENCE

GREEN INDUSTRIAL PLANT DESIGN

High Efficiency Manufacturing Facility Plant Design: Texas Instruments, Richardson, Texas

Description: **Point380** staff developed and managed conceptual design of the energy systems that have reduced capital and operating costs at this groundbreaking new facility. We lead the design workshop that effectively combined the deep knowledge of specialized processes held by Texas Instrument's internal technical team with **Point380's** expertise in common industrial utility systems such as compressed air, chilling, HVAC, steam, lighting and heat integration. Compared to its predecessor, the Richardson facility reduced capital cost 50 percent, while reducing energy and water consumption 30 percent.

News links: http://www.future-fab.com/documents.asp?grID=384&d_ID=3994

<http://www.sustainablebusiness.com/news/sbnews.cfm?id=8505>

Stackless Refinery Workshop: Shell Global Solutions, Martinez California

Description: **Point380** staff developed and managed a workshop to identify the next generation technologies for Shell's research engineers and scientists.

News links: <http://www.rmi.org/sitepages/pid982.php>

STATEMENT OF QUALIFICATIONS:
STATE AND MUNICIPAL GOVERNMENTS

FEBRUARY 2007

Ore-to-Ingot Energy Technology Strategy: AngloPlatinum, Rustenburg South Africa

Description: **Point380** staff developed and managed a large technical workshop to identify the next generation energy efficient plant design and environmental and socially responsible mining technologies for AngloPlatinum.

News links: <http://www.rmi.org/sitepages/pid1088.php>

Assessment of Sustainability Benefits of a Large Scale Anaerobic Digester Plant:
Technology Development Company

INDUSTRIAL ENERGY EFFICIENCY AND RISK ASSESSMENT

Energy and Climate Risk Assessment of 22 Industrial Facilities in 19 Countries:
Multinational Beverage Company

Description: **Point380** staff performed a project to assess climate, energy and interruption cost risk for 22 industrial facilities owned and operated by a large multinational in 19 countries. Forecasted energy commodity costs and volatility were analyzed and compared to plant specific prices and energy consumption. Monte Carlo models of each facility were built to predict ranges of cost and confidence intervals. Plant systems were analyzed for opportunities to improve efficiency, apply renewable energy resources and reduce risk of production interruption.

Company-wide Carbon Emission Baseline Assessment & Verification: Multinational Beverage Company

Plant-wide Climate and Energy Assessment and Improvement: Multiple National and Multinational Companies

PRINCIPAL'S QUALIFICATIONS

Jason Denner, Principal Consultant

Jason has 14 years of professional experience across many aspects of sustainable industrial and mechanical engineering, including: industrial utility system analysis and improvement; energy efficiency project development; distributed and renewable energy supply; production operations; and, distribution logistics. He has used this experience to lead ambitious energy efficiency projects for international companies in food and beverage, manufacturing, pulp and paper, mining, oil and gas, and metallurgical industries. Jason was formerly the Director of Engineering for DOMANI Sustainability Consulting, LLC and a Senior Project Engineer in the Rocky Mountain Institute's research and consulting group. Jason is certified as a Process Heating Qualified Specialist by the U.S. Department of Energy.