




**Project Type: Warehouse/ Manufacturing**  
**LEED Rating System: New Construction**  
**Certification Level: Gold**

Knorr Brake Corporation is the US division of the Germany-based company Knorr-Bremse, a manufacturing facility of brakes, doors, and HVAC systems for the Mass Transit Rail Industry. The company is committed to integrated and preventive environmental protection and consistently promotes the development and dissemination of environmentally-friendly, resource-saving technologies. Their "Health, Safety, and Environmental Policy" is engrained in the company's culture. This model is demonstrated by the accomplishment of earning a LEED Gold Certification. Of which, the most notable feature is the 865 kW Photo Voltaic solar array that covers over 90% of the roof (as seen in the photo to the right). The array generates approximately 50% of the buildings annual energy.



**Major Sustainability Highlights**

-  33.85% On-Site Renewable Energy (cost)
-  20% Recycled Content
-  90% Lighting Controllability

**Additional Sustainable Highlights:**

80% removal of Total Suspended Solids from annual average rainfall

**Project Team:**

Owner: Knorr Brake Corporation  
 MEP: Kibart, Inc  
 Civil: Development Design Consultants  
 Architect: Banta Campbell Architects  
 General Contractor: Glen Arm Building Company  
 LEED Consultant: Lorax Partnerships, LLC

<b>LEED Facts</b>	
Certification awarded: March 7, 2014	
<b>Certified</b>	<b>62 *</b>
<b>Sustainable Sites</b>	<b>10/26</b>
<b>Water Efficiency</b>	<b>7/10</b>
<b>Energy &amp; Atmosphere</b>	<b>25/35</b>
<b>Materials &amp; Resources</b>	<b>7/14</b>
<b>Indoor Environmental Quality</b>	<b>7/15</b>
<b>Innovation</b>	<b>5/6</b>
<b>Regional Priorities</b>	<b>1/4</b>
<i>*out of a possible 110 points</i>	