



News Release

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Silicon Valley's Airport Earns LEED[®] Silver for New Terminal B Concourse ***Recognition of high achievement for environmental sustainability***

SAN JOSE --- Terminal B Concourse at Mineta San José International Airport (SJC) has achieved LEED[®] Silver certification from the US Green Building Council in recognition of the airport's significant commitment to environmentally sustainable design and construction.

With a bold architectural design that expresses the innovative spirit of the Silicon Valley region, the 380,000-square-foot, \$342 million Terminal B Concourse was the first major element of SJC's comprehensive \$1.3 billion modernization program that is now substantially complete.

"Our new airport is a great example of how our San José Green Vision is leading the way for sustainable design in great public buildings," said San José Mayor Chuck Reed. "This project has successfully woven innovative green features into a beautiful and convenient building that supports the Silicon Valley economy."

The Terminal B Concourse design team included Gensler, based in San Francisco, and Steinberg Architects of San José. Clark Construction was the principal contractor, and Gilbane provided construction management services.

Terminal B Concourse and the adjoining Terminal B were designed and built as two separate buildings, but they were successfully integrated as a unified building that was fully opened for service on June 30, 2010. As a separate project, Terminal B also was designed to achieve LEED Silver, and confirmation of certification is expected next year.

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Sustainability features in the Terminal B Concourse include the extensive use of natural light with ample windows and skylights that take advantage of Silicon Valley's sunny climate. The outer layer of the building's exterior acts as a shading device that protects the inner core of the building and enables it to operate with greater energy efficiency.

Energy efficiency measures exceed energy standards by 23% through the use of occupancy sensors for lighting, a programmable lighting control system, high efficiency programmable "smart" heating and cooling system, and energy-conserving windows.

A low-energy, high-efficiency ventilation system features the unique "air chairs" specifically designed for SJC. The seating in waiting lounges both support energy-efficient ventilation and provide convenient power outlets built into the armrests for passengers to plug in their computers and other devices to take advantage of SJC's free Wi-Fi.

The construction of Terminal B Concourse used recycled material as much as practical, and nearly 10 percent of total building materials content was manufactured using recycled materials. Approximately 80 percent of the structural steel has recycled content, carpets have 35 percent, and ceramic tile 45 percent. More than half of the wood used in the project was Forest Stewardship Council Certified.

Nearly 27,000 tons of construction debris representing more than 98% of jobsite waste was diverted from landfill through recycling or reusing scrap drywall, metal, plywood, carpet, and other materials.

Over the past three years SJC has significantly improved its recycling rates for all waste at the airport, including from aircraft, achieving a recycling rate of 85 percent in 2009 compared to 11 percent in 2007. Airport concession contracts require the use of compostable utensils, and SJC restaurants have developed systems and employee training to divert food waste. Offsite waste sorting in partnership with San José waste haulers has been a key element for this improvement.

Water conservation measures achieve 41% less water use than in a similar conventional building. The concourse was built with a dual plumbing system to allow for the use of recycled water for toilet flushing and landscape irrigation. Landscape design primarily uses regional native species and plant material with low water requirements and drip irrigation. San José's recycled water system was extended two miles from Coleman Avenue to reach the Airport and provide recycled water for the terminal area.

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LEED certification provides independent, third-party verification that a building project meets the highest green building and performance measures. Points are earned across six categories: sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, and innovation and design process. The number of points the project earns determines the level of LEED certification the project receives, ranging from Certified, Silver, Gold to Platinum.

About U.S. Green Building Council

The U.S. Green Building Council (USGBC) is a non-profit organization based in Washington, D.C., that is committed to a prosperous and sustainable future for the nation through cost-efficient and energy-saving green buildings. USGBC leads a diverse constituency of builders and environmentalists, corporations and nonprofit organizations, elected officials and concerned citizens, and teachers and students to promote greater building efficiency. Visit www.usgbc.org for more information.

About Mineta San José International Airport

Mineta San José International Airport is a self-supporting enterprise owned and operated by the City of San José, the Capital of Silicon Valley. SJC currently has approximately 125 flights a day on 13 domestic and international carriers to 27 nonstop destinations. SJC served 8.3 million passengers and handled approximately 60,000 tons of cargo in 2009. SJC is located in San José, California's third largest and the nation's tenth largest city (population 1,023,000). For more airport information, visit www.flysanjose.com.

Terminal B Concourse Fast Facts

Start of construction: 2004
Interim activation: July 2009
Full activation: June 2010
Cost: \$342 million
Floor area: 380,000 square feet
Length: 1600 feet
Width: 90 feet
Number of aircraft gates: 10 in Terminal B Concourse, plus 2 in Terminal B

Terminal B Concourse Project Partners

Gensler and Steinberg Architects: Master architects
Gilbane Building Company: Construction management
Clark Construction: General contractor
Magnusson Klemencic Associates: Structural engineer
WSP Flack + Kurtz and Alpha Tech: Mechanical, electrical, plumbing
URS: Civil engineer; project administration and security engineer

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