

## **ABOUT LEED**

The Air Operations project has been designed and built as a green building that qualifies for LEED (Leadership in Energy and Environmental Design) certification. LEED is a green building rating system based on national standards for developing sustainable buildings. LEED was created by the US Green Building Council (USGBC) to provide a framework for meeting sustainability goals and assessing building performance. LEED has 5 basic categories, including: Sustainable Sites, Water Efficiency, Energy and Atmosphere, Material Resources and Indoor Environmental Quality.

The Air Operations project is pursuing the 'Certified' level of LEED for New Construction (NC) certification by the incorporating the following measures and procedures into their project.

### **Sustainable Sites**

- The project has provided preferred parking spaces for carpools and vanpools in order to encourage occupants and visitors to the building to utilize transportation means other than single-occupancy vehicles.
- White "cool" roofing materials were installed to reflect the sun's rays and deflect the heat absorbed by typical dark-colored roofs.

### **Water Efficiency**

- Highly efficient irrigation technology has been installed to reduce the amount of water needed for irrigation by 50%
- The plumbing fixtures in the bathrooms are considered "low flow" – they reduce water consumption by more than 30% as compared to conventional fixtures

### **Energy and Atmosphere**

- The project's HVAC (heating, ventilating and air conditioning) systems are free of ozone depleting CFC-based refrigerants
- The building has incorporated many energy efficient measures that exceed the California Title 24 energy code requirements

### **Material Resources**

- Space has been provided in the project for the collection and storage of recyclables, such as paper, glass, plastic, cardboard and aluminum
- More than 75% of the waste generated during the construction of this project was diverted from the landfill, and instead sent to a recycling facility
- The project incorporated materials that are high in recycled content and that were manufactured locally

### **Indoor Environmental Quality**

- Paints, coatings, adhesives, sealants and carpet were chosen for their low Volatile Organic Compound (VOC) content. Low VOC products are less toxic than their conventional counterparts.
- The project has implemented a green housekeeping plan in order to ensure that the janitorial practices and products used are safe for the environment as well as the occupants of the building.

Want to learn more about green buildings? Visit the US Green Building Council at [www.usgbc.org](http://www.usgbc.org)