

California Polytechnic University
San Luis Obispo, California

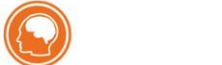
With the addition of the WELL Building Standard, the first standard to solely focus on human health and wellness, it is now possible to promote public health, environmental conservation, and owner profits all in one project. This study looks to overlap the well-known LEED Certification standards with the new WELL standards to assist project teams in fully understanding what needs to be accomplished in order for their project to be on track for both certifications. It is meant to simplify the complicated standards so that any project team, familiar in these certifications or not, can reference this report.



| Sustainable Sites | Water Efficiency | Indoor Environmental Quality | Energy & Atmosphere | Materials | Life-Cycle |
|--|---|---|---|---|---|
| <ul style="list-style-type: none"> • LEED SSc1: 100% of the site is in a sustainable location • LEED SSc2: 100% of the site is in a sustainable location • LEED SSc3: 100% of the site is in a sustainable location • LEED SSc4: 100% of the site is in a sustainable location • LEED SSc5: 100% of the site is in a sustainable location | <ul style="list-style-type: none"> • LEED WE1: 100% of the site is in a sustainable location • LEED WE2: 100% of the site is in a sustainable location • LEED WE3: 100% of the site is in a sustainable location • LEED WE4: 100% of the site is in a sustainable location • LEED WE5: 100% of the site is in a sustainable location | <ul style="list-style-type: none"> • LEED EQ1: 100% of the site is in a sustainable location • LEED EQ2: 100% of the site is in a sustainable location • LEED EQ3: 100% of the site is in a sustainable location • LEED EQ4: 100% of the site is in a sustainable location • LEED EQ5: 100% of the site is in a sustainable location | <ul style="list-style-type: none"> • LEED EA1: 100% of the site is in a sustainable location • LEED EA2: 100% of the site is in a sustainable location • LEED EA3: 100% of the site is in a sustainable location • LEED EA4: 100% of the site is in a sustainable location • LEED EA5: 100% of the site is in a sustainable location | <ul style="list-style-type: none"> • LEED MR1: 100% of the site is in a sustainable location • LEED MR2: 100% of the site is in a sustainable location • LEED MR3: 100% of the site is in a sustainable location • LEED MR4: 100% of the site is in a sustainable location • LEED MR5: 100% of the site is in a sustainable location | <ul style="list-style-type: none"> • LEED LC1: 100% of the site is in a sustainable location • LEED LC2: 100% of the site is in a sustainable location • LEED LC3: 100% of the site is in a sustainable location • LEED LC4: 100% of the site is in a sustainable location • LEED LC5: 100% of the site is in a sustainable location |



Materials & Resources



Awareness & Education

| Feature No. | WELL Feature | Feature Part | LEED ID-C | Equivalence | 15 | Increased Ventilation | Increased Outdoor Air Supply | EQ Enhanced Indoor Air Quality Strategies (option 2 part b) | 59 | Surface Design | Working Area Surface Reflectivity | EQ Resilient Lighting (option 2B.2.F) | All Parts | |
|-------------|---------------------------------|--|---|-------------|----|--------------------------------|--|---|-----------|----------------|-----------------------------------|--|-------------------------------------|-----------|
| 01 | Name Air Quality Standards | Standards for Volatile Substances, Particulate Matter and Inorganic Gases, Radon, Operational Limits for Air Quality | EQ Indoor Air Quality Assessment | No Parts | 17 | Direct Source Ventilation | Pollution Isolation and Exhaust Hood, Design Guidelines, Make-up Air System | EQ Enhanced Indoor Air Quality Strategies (option 1) | All Parts | 61 | Right to Light | Lighting Depth | EQ Quality Views | All Parts |
| 02 | Smoking Ban | Indoor Smoking Ban | EQ Environmental Tobacco Smoke Control | ✓ | 25 | Time Motion Reduction | Perforated Compound Limitation, Flame retardant Limitation, Plastics Limitation, Inorganic-based Polyurethane Limitation | MR Building Product Disclosure and Optimization - Material Ingredients | No Parts | 62 | Daylight Modeling | Healthy Sunlight Exposure | EQ Daylight | ✓ |
| 03 | Ventilation Effectiveness | Ventilation Design Demand Controlled Ventilation, System Relating Ventilation Rates for Residences | EQ Minimum Indoor Air Quality Performance EA Fundamental Commissioning and Verification | ✓ | 25 | Time Motion Reduction | Perforated Compound Limitation, Flame retardant Limitation, Plastics Limitation, Inorganic-based Polyurethane Limitation | MR Building Product Disclosure and Optimization - Material Ingredients | No Parts | 67 | Renewal Airflow | Indoor Air Quality Assessment, Density and Diversion (option 1) | EQ Density and Diversion (option 1) | ✓ |
| 04 | VOC Reduction | Interior Paints and Coatings, Interior Adhesives and Sealants, Flooring, Furnishes and Equipment | EQ Low Emitting Materials (sub 3 points) | All Parts | 26 | Enhanced Material Safety | Precautionary Material Selection | MR Building Product Disclosure and Optimization - Material Ingredients (option 2) | ✓ | 69 | Active Transportation Support | Bicycle Storage and Support, Free Commute and Workday Facilities, Bicycle Storage Facilities for Bicycles | LT Bicycle Facilities | All Parts |
| 05 | Air Filtration | Filter Accommodation, Particle Filtration, Air Filtration Maintenance | EQ Enhanced Indoor Air Quality Strategies (option 1) | ✓ | 53 | Visual Lighting Design | Visual Acuity for Eyes, Brightness Management Strategies, Commercial Glazing, Lighting Visual Acuity in Living | EQ Interior Lighting | No Parts | 75 | Internally Generated Noise | Acoustic Treatment, Mechanical Equipment Sound Levels, Mechanical Equipment Sound in Sensitive Rooms, HVAC Installation, HVAC Sound in Sensitive Rooms, Noise Criteria in Indoor | EQ Acoustic Performance | No Parts |
| 07 | Pollution Prevention Management | Paint Application, Filter Replacement, Material Absorption Management, Dust Containment and Removal | EQ Construction Indoor Air Quality Management Plan | ✓ | 53 | Visual Lighting Design | Visual Acuity for Eyes, Brightness Management Strategies, Commercial Glazing, Lighting Visual Acuity in Living | EQ Interior Lighting | No Parts | 76 | Thermal Comfort | Ventilated Thermal Environment, Natural Thermal, Thermal Comfort in the Kitchen | EQ Thermal Comfort (option 1) | All Parts |
| 08 | Healthy Entrances | Entrance Walk-off Shoes, Entrance Air Seal, Placing Floor Drainage Area, Air Flush | EQ Enhanced Indoor Air Quality Strategies (option 1) | ✓ | 53 | Visual Lighting Design | Visual Acuity for Eyes, Brightness Management Strategies, Commercial Glazing, Lighting Visual Acuity in Living | EQ Interior Lighting | All Parts | 78 | Reactivation Time | Reactivation Time Performance, Low-Reactivation Time for Large Spaces | EQ Acoustic Performance | All Parts |
| 13 | Air Flush | Air Flush | EQ Indoor Air Quality Assessment (option 1) | ✓ | 53 | Electrical Light Glare Control | Lighting Shielding, Glare Minimization | EQ Daylight | All Parts | 79 | Sound Masking | Sound Masking Level | EQ Acoustic Performance | No Parts |
| 14 | Air Infiltration Management | Air Leakage Testing, Leak Test for EA Enhanced Commissioning | EA Enhanced Commissioning | ✓ | 53 | Solar Glare Control | Visual Window Shading | EQ Daylight | All Parts | | | | | |

| Rating | Percentage |
|--------|------------|
| 1 | 5% |
| 2 | 10% |
| 3 | 38% |
| 4 | 32% |
| 5 | 15% |

| Rating | Percentage |
|--------|------------|
| 1 | 62% |
| 2 | 12% |
| 3 | 28% |
| 4 | 5% |
| 5 | 2% |