



NORESCO

**SUSTAINABILITY
SERVICES**

Healthy Building
Services and
Planning

*Pictured on the right:
UTC Digital Accelerator Laboratory
Brooklyn, NY
LEED Certified®*

Photos © Garrett Rowland, courtesy of Gensler

HEALTHY BUILDING ASSESSMENTS

HEALTHY BUILDING ASSESSMENTS focus on identifying and integrating strategies that positively contribute to building occupants' health and wellness. Our experts take a holistic approach to health in the workplace by addressing behavior, operations and design.





NORESKO understands how important it is that workplaces and buildings positively impact occupants and their health and well-being. We have a team of specialists who work to identify healthy building strategies that can be applied to commercial and residential buildings.

NORESKO's on-site wellness audits begin with visual inspections to assess proper ventilation and filtration, gain an understanding of housekeeping practices, clarify occupant flow and review spatial planning and programming. After performing visual inspections, NORESKO completes a rigorous testing protocol to evaluate the quality of the air/ventilation rates, water, light, temperature and humidity. The results of these tests are used to provide clients with actionable solutions on what is needed to create and/or maintain a healthy building. Some of the items evaluated during the assessments include:

- Indoor Air Quality: Proper Ventilation and Filtration
- Thermal Comfort: Temperature and Humidity Control
- Occupancy Flow: Re-Opening Buildings and Managing Tenants
- Maintaining the Building: Periodic and Preventative Maintenance
- Regular Housekeeping: Using Green Buildings Standards as Benchmarks
- Energy Efficiency: Tightening Non-Essential Operations
- Tenant Lease Requirements and Current Preventive Maintenance Strategies



ensure proper
ventilation and
filtration



development of
corporate IAQ
engineering standards



spatial planning
and 6-foot
workspace plan

*Pictured on the right:
DaVita World Headquarters – Tower II
Denver, CO
LEED Platinum®*

INDOOR AIR QUALITY TESTING

AIR QUALITY TESTING provides building owners, tenants and occupants with the information needed to establish a baseline for indoor air quality and develop and implement upgrades to help verify optimal filtration, ventilation, airflow, and controls.





NORESKO provides indoor air quality testing for particulate matter (PM2.5 and PM10), total volatile organic compounds (VOCs), carbon monoxide, formaldehyde, ozone and nitrogen dioxide.

The intent of IAQ Testing for PM2.5 and PM 10 is to gain valuable data used to understand and control indoor pollutants that can impact occupant health. These particles can vary in size, shape and composition; however, particles that are 10 micrometers in diameter or smaller are of the greatest concern because these particles can be inhaled. Once inhaled, particles can affect the heart and lungs and in some cases cause serious health effects.

NORESKO follows rigorous testing procedures throughout a building, and testing locations are carefully selected to ascertain the concentrations in areas with the least ventilation and potentially the greatest presumed contaminant source strength. The testing is done within the breathing zone, between 3 and 6 feet above the floor, during normal occupied hours with the HVAC system operating with normal daily start times at the minimum outside air flow rate.



conditions to improve
cognitive function



testing for radon,
formaldehyde, volatile
organic compounds



healthy, resource-
efficient, and
environmentally-
conscientious

*Pictured on the right:
West Edge Mixed-Use Project
Los Angeles, CA
photo courtesy of Hines*

PERFORMANCE TESTING

PERFORMANCE TESTING measures actual space conditions within a building and provides quantitative data to ensure the building is performing as intended. Our engineers use the data collected to develop recommendations for building strategies that increase desired health benefits for occupants.





NORESKO's building performance testing services are a comprehensive way of evaluating if sustainability and wellness strategies are operating as intended.

Building performance testing can help identify issues in existing buildings and inform owners and building managers of the level of improvements required to meet optimum health levels.

Additionally, NORESKO staff has been conducting WELL Performance Verification since 2016 and has provided these services on more than 25 projects around the globe. As an International WELL Building Institute™ (IWBI) approved WELL Performance Testing Organization, our team has unmatched experience in providing this service. We will work with project teams to coordinate the performance verification schedule with consideration of the project close out process and building occupancy to provide efficient and accurate results.

SERVICES AVAILABLE:



Water Quality Testing



Light Quality Testing



Acoustic Quality Testing



Indoor Air Quality Testing



approved WELL
Performance Testing
Organization



healthy
lighting



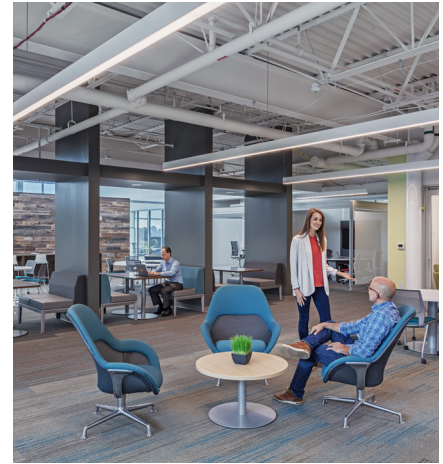
increased
productivity

*Pictured on the right:
Toyota Georgetown Production Facility
Georgetown, KY
LEED Platinum®
photos © Cory Klein Photography*

CERTIFICATION CONSULTING

CERTIFICATION CONSULTING starts by gaining a thorough understanding of the client's goals so that we select the healthy-building rating system that best aligns with their desired outcomes. Our team helps clients and project teams prioritize sustainability goals based on objectives, available resources and project constraints.





The **International WELL Building Institute's™ WELL Building Standard®** focuses on building occupants' health and wellness. WELL takes a holistic approach to health in the built environment addressing behavior, operations and design. NORESKO's consulting services identify and integrate viable design strategies into new and existing buildings and detect synergies between WELL™ and other rating systems that can be applied to documentation and performance verification phases. In addition to the WELL Building Standard®, our team works with numerous green-building rating systems focused around occupant health including:

- **Fitwel™:** Fitwel is a building rating system for commercial interiors and both multi-tenant and single-tenant existing buildings that provides guidelines on how to design and operate healthier buildings. Fitwel can also be used as a roadmap to aid the design of new buildings.
- **Fitwel™ Viral Response:** The Viral Response module provides annual, third-party building certification of policies and practices informed by the latest public health research on mitigating the spread of infectious diseases.
- **RESET™ Air:** RESET™ Air is a green building standard that emphasizes the health of occupants, focusing specifically on indoor air quality. It combines the development of live monitoring and cloud software to increase the visibility of building health data.
- **WELL™ Health-Safety:** The WELL Health-Safety Rating is a third-party rating for all types of facilities and focuses on operational policies, maintenance protocols, emergency plans and stakeholder education to address health and safety-related issues.

7 Ongoing Projects
pursuing
WELL Certification

16 Ongoing Projects
pursuing
Fitwel certification



smoothly navigate
complex certification
requirements



*Pictured on this page:
Pierce Boston Luxury Apartments
Boston, MA
LEED Silver®
Photo Credit: Jeremy Bittermann*

“ Our mission is to be our customers’ first choice for energy efficiency and sustainability solutions by identifying and implementing energy and water saving measures, infrastructure upgrades, and sustainable design strategies for high-performance environments. ”

ABOUT US

Founded in 1984, NORESKO is a leading energy services company that provides demand-side management and sustainability consulting services.

NORESKO influences many levels of the built environment — from optimizing new and existing buildings, to improving regional utility programs, to developing national energy codes and standards. We bring thought leadership and hands-on engineering expertise to every project. Our high-performance building solutions draw on cutting-edge innovations and proven technologies. We offer services for new and existing buildings including:

Sustainability Consulting

- Healthy Building Assessments
- Green Building Certification and Wellness Consulting
- Energy and Daylight Modeling
- Lifecycle Assessment Modeling
- Energy Master Planning

Building Performance

- Building Performance Testing
- New Building Commissioning and Retro-Commissioning
- Building Enclosure Commissioning
- Testing, Adjusting and Balancing
- Codes and Standards Development

Energy and Efficiency Consulting

- Energy Savings Performance Contracts
- Energy Audits
- Energy Procurement Consulting
- Renewable Energy Consulting
- Retrofit Implementation



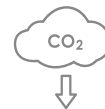
500+
employees
nationwide



36 years
of industry
experience



10,000+
facilities served in the
U.S. and worldwide



25 million
metric tons of CO₂
emissions reduction



1.4 million
acres of forest worth
of CO₂ reductions



50 billion
gallons of
water savings

Corporate Headquarters

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www.noyesco.com

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