

# Helping You Earn LEED®-EBOM Points



Building owners pursuing Leadership in Energy and Environmental Design (LEED) certification for existing buildings need a cleaning program that follows specific indoor environmental quality criteria. Tennant technologies, equipment and consumables can help building owners meet two credits that support this requirement.



## SUSTAINABLE CLEANING PRODUCTS AND MATERIAL

To earn one point toward this credit, at least 30 percent of the total annual purchases of cleaning and maintenance products (by cost), excluding janitorial paper products, must meet one of the following criteria: Green Seal or Environmental Choice CCD.

## ELIGIBLE TENNANT PRODUCTS\*

FaST® 365 Daily Cleaner
FaST® 665 Heavy Duty Cleaner
FaST® 965 Heavy Duty Degreaser Cleaner
Tennant True® General Purpose Cleaner
Orbio® Multi Surface Cleaner created by the Orbio 5000-Sc and Orbio os3 units

\*Green Seal™ certified products.



## GREEN CLEANING – EQUIPMENT

To earn one point toward this credit, building owners must implement and document a program in which at least 40% of all powered janitorial equipment meets the following criteria designed to reduce building contaminants and minimize environmental impact. Equipment types and standards include:

### • ALL MACHINES

- Include safeguards, such as rollers or rubber bumpers, to avoid damage to building surfaces
- Feature an ergonomic design to minimize vibration, noise and user fatigue, as reported in the user manual in accordance with ISO 5349-1 for arm vibrations, ISO 2631-1 for vibration to the whole body, and ISO 11201 for sound pressure at operator's ear
- When applicable, use environmentally preferable batteries like gel, absorbent glass mat, lithium-ion batteries except in applications where performance or battery life is reduced by the use of sealed batteries
- Must operate with a maximum level of 70 dBA

- **SCRUBBERS** must have systems with variable speed feed pumps that optimize detergent use, or use only tap water with no added detergents
- **CARPET EXTRACTORS** must earn the CRI Seal of Approval
- **BURNISHERS** must be equipped with vacuums, guards, or other devices to capture fine particulates
- **VACUUM CLEANERS** must earn the CRI Seal of Approval

## ELIGIBLE TENNANT PRODUCTS

SCRUBBERS**	T300, T300e, T350, T5, T500, T500e, 5680, 5700
SWEEPERS	S3, S5, S9, 3640, 6100
CARPET EXTRACTORS	E5, R3, EH1/EC2/EH2/EH5, EX-CAN-15 HPH, EX-SC-1020, 1610***
BURNISHERS	BR-2000-DC, B10, B5, B7
VACUUM CLEANERS	V-BP-6/V-BP-10, V-LWU-13, V-SMU-14, V-DMU-14, V-WA-30, V3, V6
MULTI-SURFACE CLEANERS	Q12

\*\*Equipped with ec-H2O™, ec-H2O NanoClean®, or FaST®

\*\*\*Equipped with ReadySpace®



## INNOVATION IN OPERATION

The Canadian Green Building Council offers an additional way to earn points. Your LEED Accredited Professional can submit a special request for an Innovation Credit.

One more point is available, but each application is considered separately.

In a recent example, a facility with thousands of weekly visitors installed Orbio® 5000-Sc to reduce its chemical use by 80 percent. Because this went far beyond the requirements for IEQ 3.3 and 3.4, the facility was granted an additional point for Innovation in Operations.

## TAKE THE NEXT STEP

To learn more about LEED points and certification, visit [www.cagbc.org](http://www.cagbc.org)

For more details on how Tennant products may contribute to earning LEED credits, please contact your local Tennant representative at **1.800.553.8033**.