| v3 - LEED 2009

Environmental Tobacco Smoke (ETS) control

EQp2 | Required

Glossary

Intent

To prevent or minimize exposure of building occupants, indoor surfaces and ventilation air distribution systems to environmental tobacco smoke (ETS).

Requirements

Option 1

Prohibit smoking in the building.

Prohibit on-property smoking within 50 feet (16 meters) of entries, outdoor air intakes, bus stops, qualifying places of respite, operable windows, and other locations where occupants could inadvertently come in contact with ETS when occupying, entering or leaving the building.

Provide signage to allow smoking in designated areas, prohibit smoking in designated areas or prohibit smoking on the entire property.

Designated smoking areas may not be located in or proximate to places of respite used to meet the requirements of SS Credit 9.1: Connection to the Natural World—Places of Respite or SS Credit 9.2: Connection to the Natural World—Direct Exterior Access for Patients.

OR

Option 2

For residential healthcare occupancies only where accommodation for resident smoking is programmatically mandated:
Prohibit smoking in resident rooms and all common areas of the building.

Locate any exterior designated smoking areas including balconies where smoking is permitted, at least 50 feet (16 meters) from entries, outdoor air intakes, bus stops, operable windows and other locations where occupants could inadvertently come in contact with ETS when occupying, entering or leaving the building. Provide signage to allow smoking in designated areas, prohibit smoking in designated areas, or prohibit smoking on the entire property.

All exterior doors and operable windows in the residential units shall be gasketed to minimize leakage from outdoors.

Provide designated smoking rooms as mandated by the functional program designed to effectively contain, capture and remove ETS from the building. At a minimum, the smoking room must be directly exhausted to the outdoors, away from air intakes and building entry paths, with no re-circulation of ETS-containing air to non-smoking areas, and enclosed with sealed deck-to-deck partitions. Operate exhaust sufficient to create a negative pressure differential with respect to the surrounding spaces of at least an average of 5 Pascals (Pa) (0.02 inches of water gauge) and a minimum of 1 Pa (0.004 inches of water gauge) when the door(s) to the smoking room are closed.

Verify performance of the smoking room's differential air pressures by conducting 15 minutes of measurement, with a minimum of one measurement every ten seconds, of the differential pressure in the smoking room with respect to each adjacent area and in each adjacent vertical chase with the doors to the smoking room closed. Conduct the testing with each space configured for worst case conditions of transport of air from the smoking room's (with closed doors) to adjacent spaces.

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