

## **BSR/ASHRAE Standard 227P, Passive Building Design Standard**

**PURPOSE:** This standard provides requirements for the design of buildings that have exceptionally low energy usage and that are durable, resilient, comfortable, and healthy.

### **SCOPE:**

2.1 This standard is applicable to all new and existing buildings intended for human occupancy.

2.2 This standard provides requirements for the design and construction of the:

- a) building envelope,
- b) heating and cooling equipment and systems,
- c) ventilation systems,
- d) service hot water systems,
- e) interior and exterior lighting systems, and
- f) plug and appliance loads.

2.3 This standard does not provide requirements for the operation, maintenance, or use of buildings.

2.4 This standard does not apply to process related systems or equipment.

2.5 This standard shall not be used to circumvent any safety, health, or environmental requirements.