

## **1.2. Smoke Control System**

### **1.2.22. Legitimate Stage**

A stage with a height greater than 15 m measured from the lowest point on the stage floor to the highest point of the roof or floor deck above.

### **1.2.23. Mechanical Smoke Containment**

A smoke control method that uses mechanical equipment to produce pressure differences across smoke barriers.

### **1.2.24. Smoke Control Mode**

Predefined operational configuration of a system/device for the purpose of smoke control.

### **1.2.25. Smoke Containment Systems**

A smoke control system in a given building designed to contain smoke to a given zone or keep smoke from entering another zone. This can also be achieved by passive smoke containment using Smoke barriers.

### **1.2.26. Compensated System**

A system that adjusts for changing conditions either by modulating supply airflows or by relieving excess pressure.

### **1.2.27. Tenable Environment**

An environment in which smoke, heat and associated products of combustion are limited or otherwise restricted to maintain the impact on occupants to a level that is not life threatening.

### **1.2.28. Design Pressure Difference**

The desired pressure difference between the protected space and an adjacent space measured at the boundary of the protected space under a specified set of conditions with the smoke-control system operating.

### **1.2.29. Pressurization System**

A type of smoke-control system with arrangement of constant or variable capacity Fans, Ducting, Relief Dampers, air grills and other features provided to achieve higher pressure in mechanically pressurized space than in the fire area.

### **1.2.30. Stair Pressurization**

A type of smoke-control system in which stair shafts are mechanically pressurized, with respect to the fire area, with outdoor air to keep smoke from contaminating them during a fire incident.

### **1.2.31. Multiple-Injection Pressurization System**

A type of smoke-control system that has pressurization air supplied from multiple locations.

### **1.2.32. Single-Injection Pressurization System**

A type of smoke-control system that has pressurization air supplied from only one location.