

Latest edition of ASHRAE Standard 55 shall be used as a general reference for designing the air conditioning systems. The standard specifies the combinations of indoor thermal environmental factors and personal factors that will produce thermal environmental conditions acceptable to most of the occupants within the space. It also provides guidance on the type of air conditioning (active conditioning, passive conditioning or a mix of these two), which can be utilised to achieve these conditions.

## COMPLIANCE DOCUMENTATION

**Table 402.01(1): Documents Required**

Project Stages	Submittal Documents
Design Permit Application	1. Heat load analysis report indicating that thermal comfort condition shall be maintained for minimum 95% of the year in all the regularly occupied spaces.
Construction Completion Application	1. Temperature, RH and air speed measurement report in all the regularly occupied spaces.
After Completion	1. Performance and commissioning reports and results.

## REFERENCES AND ADDITIONAL INFORMATION

American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2017). ASHRAE Standard 55: Thermal Environmental Conditions for Human Occupancy, [www.ashrae.org](http://www.ashrae.org).

American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2015). ASHRAE Handbook—HVAC Applications, [www.ashrae.org](http://www.ashrae.org).