ASHRAE RESEARCH: Built Environments
Research Projects Inside The City

- 30% Advanced Energy Design Guide for: Small Office Buildings, Small Retail Buildings, K-12 School Buildings, Small Warehouses and Self-Storage Buildings, Highway Lodging, and Small Hospitals
- Standard 15 – Safety Standard for Refrigeration Systems
- Standard 62.1 – Ventilation and Air flow of buildings except low-rise residential buildings
- Standard 62.2 – Ventilation and Air flow of low-rise residential buildings
- Standard 90.1 – Energy Standards for non-residential buildings
- Standard 170 – Ventilation of Healthcare facilities
- Standard 189.1 – Design of High-Performance, Green Buildings, except low-rise residential
- SP96 – Commercial Aircraft Cabin Air Quality Study
- SP98 – Ventilation and Indoor Air Quality in Retail Spaces
- 1306-RP – Incident-Response Monitoring Technologies for Aircraft Cabin Air Quality
- 1447-RP – Performance of Pressurized Stairwells with Open Doors
- 1450-RP – Transport of Contaminants from Garage Attached or Integral to Low-Rise Residential Buildings
- 1467-RP – Balancing Latent Heat Load between Display Cases and Store Comfort Cooling
- 1478-RP – Measuring Air-tightness of Mid- and High-rise Non-residential Buildings
- 1499-RP – The Effect of Humidity on the Reliability of ICT Equipment in Data Centers
- 1544-RP – Establishing Benchmark Levels and Patterns of Commercial Building Hot Water Use
- 1590-RP – Implementation of Total Cost of Ownership (TCO) Principles into Higher Education as an Integrated Decision Making Tool
- 1603-RP – Role of HVAC Systems in the Transmission of Infectious Agents in Buildings and Intermodal Transportation
- 1613-RP – Update Climatic Design Data in Chapter 14 of the 2013 Handbook of Fundamentals
- 1624-RP – Effective Energy-Efficient School Classroom Ventilation for Temperate Zones
- 1633-URP – Data and Interfaces for Advanced Building Maintenance and Operation

For more information on these projects, visit:
https://www.ashrae.org/standards-research--technology/research#researchproject