

Standards help create safer environments for health care delivery in Canada

For more than 60 years, CSA Group standards and research support various crucial aspects of design, systems, and operations of Canadian health care facilities and technology within them to help create safe, efficient, and resilient environments for health care delivery.





CSA Group research and standards:

Design and operation of health care facilities

1. **CSA Z8000**, *Canadian health care facilities*
2. **CSA Z8001**, *Commissioning of health care facilities*
3. **CSA Z8002**, *Operation and maintenance of health care facilities*
4. **CSA Z8003**, *Health care facility design studies and post-occupancy evaluation*
5. **CSA Z8005**, *Special requirements for digital infrastructure and digital health care technologies in Canadian health care facilities*
6. **CSA Z8008**, *Assessment and management of building systems in health care projects* (coming soon)
7. Deployment of Health Care Facility Digital Infrastructure in Canada (CSA Group research report)

Building systems in health care facilities

8. **CSA Z317.1**, *Special requirements for plumbing installations in health care facilities*
9. **CSA Z317.2**, *Special requirements for heating, ventilation, and air conditioning (HVAC) systems in health care facilities*
10. **CSA Z317.5**, *Illumination design in health care facilities*
11. **CSA Z317.10**, *Handling of health care waste materials*
12. **CSA Z317.11**, *Area measurement for health care facilities*
13. **CSA Z317.14**, *Wayfinding for health care facilities*

14. **CSA Z32**, *Electrical safety and essential electrical systems in health care facilities*
15. **CSA Z7396.1**, *Medical gas pipeline systems – Part 1: Pipelines for medical gases, medical vacuum, medical support gases, and anaesthetic gas scavenging systems*
16. Pressurization of HVAC Configuration of Operating Rooms for Patients with Airborne Infectious Diseases (CSA Group research report)
17. Testing the Effect of Faucet Flowrate on Handwashing Efficacy (CSA Group research report)

Infection prevention and control in health care facilities

18. **CSA Z317.12**, *Cleaning and disinfection of health care facilities*
19. **CSA Z317.13**, *Infection control during construction renovation, and maintenance of health care facilities*
20. Infection Prevention and Control in Health Care Facility Design (CSA Group research report)
21. Pressure Differential in Health Care Facility Airborne Isolation Rooms (CSA Group research report)

Get more information

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