

System, Components/ Système, Composants		Inspection Procedure/ Procédure d'inspection	Code Reference	Certification Required	Supplier's (Sub-Contractor's) Company Name and Address	Supplier's (Sub-Contractor's) Qualification
Mechanical/ Mécanique						
Boilers and Pressure Vessels/ Chaudières et v. sous pression		6 Years Internal Inspection	Canada occupational health and safety regulations SOR/86-304 - 2022 especially Part V Boilers and Pressure Vessels. CSA B51 - 2019 Boiler, pressure vessel, and pressure piping code. ASHRAE 180 - 2018 Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems ASME PTB-2-2022 Manufacturer maintenance manual or owner manual	Qualified inspector under the laws of the province or territory in which the boiler, pressure vessel or piping system is located. The certification should be in accordance with the type and size of the equipment and also the scope of maintenance required.		
Safety Relief Valve/ Soupape de Sécurité	General/ Général	3 Years Service	Canada occupational health and safety regulations SOR/86-304 - 2022 especially Part V Boilers and Pressure Vessels. CSA B51 - 2019 Boiler, pressure vessel, and pressure piping code. ASHRAE 180 - 2018 Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems ASME PTB-2-2022 Manufacturer maintenance manual or owner manual	Service organization must have a certificate of authorization or be certified from/by the provincial or territorial organization responsible for boilers and pressure vessels regulations, or a "VR" stamp from the National Board for the servicing of pressure relief valves. The certificat should be in accordance with the type and size of the equipment and also with the scope of the required maintenance		
Safety Relief Valve/ Soupape de Sécurité	Hot Water Heating Boiler/ Chaudière à eau chaude	2 Years Testing	Canada occupational health and safety regulations SOR/86-304 - 2022 especially Part V Boilers and Pressure Vessels. CSA B51 - 2019 Boiler, pressure vessel, and pressure piping code. ASHRAE 180 - 2018 Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems ASME PTB-2-2022 Manufacturer maintenance manual or owner manual	Service organization must have a certificate of authorization or be certified from/by the provincial or territorial organization responsible for boilers and pressure vessels regulations, or a "VR" stamp from the National Board for the servicing of pressure relief valves. The certificat should be in accordance with the type and size of the equipment and also with the scope of the required maintenance		
Air Handling Units/ Centrale de traitement de l'air		5 Years Inspection	ASHRAE 62.1 - 2022 Ventilation for Acceptable Indoor Air Quality if not housing ASHRAE 62.2 - 2022 Ventilation and Acceptable Indoor Air Quality in Residential Buildings, if housing ASHRAE 180 - 2018 Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems PWGSC MD15161 - 2013 Control of Legionella in Mechanical Systems. CSA C823 Performance of air handlers in residential space conditioning systems - 2021 Manufacturer maintenance manual or owner manual	Only qualified personnel holding a valid gas license from the authority having jurisdiction are allowed to service, inspect, adjust or modify gas appliances. Only qualified personnel who are certified refrigeration mechanics and in possession of a valid “ozone depletion prevention” (ODP) card or has equivalent training shall perform service, leak test or charge a refrigerant based system. Trained or/and accredited by the manufacturer for maintenance (belt adjustment, AHU balancing, recommissioning)		
Ductwork/ Réseau de gaine		5 Years Inspection	ASHRAE 62.1 - 2022 Ventilation for Acceptable Indoor Air Quality if not housing ASHRAE 62.2 - 2022 Ventilation and Acceptable Indoor Air Quality in Residential Buildings, if housing ASHRAE 180 - 2018 Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems ACR, NADCA Standard - 2021 Assessment, Cleaning & Restoration of HVAC Systems	NULL		
Fume Hoods and Extraction Systems/ Système d'extraction des contaminants		Fume Hood and Extraction System Annual Inspection	CSA Z316.5 Fume hoods and associated exhaust systems (2015) ASHRAE 62.1 - 2022 Ventilation for Acceptable Indoor Air Quality if not housing ASHRAE 62.2 - 2022 Ventilation and Acceptable Indoor Air Quality in Residential Buildings, if housing ASHRAE 180 - 2018 Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems Provincial and territorial Occupational Health and Safety Act (See also CNESST in Québec for example) Manufacturer maintenance manual or owner manual	NULL		
Backflow Preventers/ Dispositif anti-refoulement		Annual Maintenance	National Plumbing Code - 2020 CSA B64 - 2021 Backflow preventers and vacuum breakers Manufacturer maintenance manual or owner manual Last version of AWWA Canadian Cross Connection Control Manual	Certified backflow prevention device tester by an accredited school and have license in good standing with AHJ and current liability insurance coverage. Local bylaws and/or provincial regulations must be consulted to ensure the person performing the backflow preventer maintenance is authorized to perform the required service on the applicable backflow preventer. For example, local bylaws may restrict testing of a backflow preventer on a fire protection service to be performed by a fire protection contractor, but a fire protection contractor would not be authorized to perform service or testing on a backflow preventer serving a plumbing system.		
Walk-in Refrigerators/ Réfrigérateur de plain-pied		Annual Inspection	CSA B52 Mechanical Refrigeration Code - 2018. Environmental Code of Practice for Elimination of Fluorocarbon Emissions from Refrigeration and Air Conditioning Systems - juin 2021.	Service, leak test and charge of a refrigerant system to be performed by certified refrigeration mechanics in possession of a valid ozone depletion prevention card or equivalent training.		

Electrical Systems/ Systèmes électriques						
Lightning Protection Systems/ Systèmes de protection contre la foudre		Annual Inspection	CSA B72 - 2020 Installation Code For Lightning Protection Systems	NULL		
Grounding System/ Système de mise à la terre		5 Years Inspection	CSA C22.1 - 2021 and CSA B72 - 2020 Installation Code For Lightning Protection Systems	NULL		
Transformer Vaults/ Salle de transformateurs		Annual Inspection	CSA C22.1 - 2021, CSA C22.2 - 2022 and and CSA Z463 especially section 8 and 9 - 2021	Certified master electrician (according to the province or territory regulation) with a specific high voltage certification if beyond 1000 V.		
Exterior Sub-Stations/ Sous-station extérieure		Semi-Annual Inspection	CSA C22.1 - 2021 and CSA Z463 especially section 8 and 9 -2021	Certified master electrician (according to the province or territory regulation) with a specific high voltage certification if beyond 1000 V.		
Health and Safety/ Santé et sécurité						
Overhead Powered Doors/ Portes \ Roulante à levage verticale (motorisée)		Annual Inspection	Canada Labour Code c. L-2, article 125 t) (Amended May 8, 2022)	NULL		
Elevating Devices/ Appareils élévateurs						
Lifts – Physical Disability/ Appareil élévateur, incapacité physique		Annual Inspection	CSA B355 Lifts for persons with physical disabilities (2019), Annexes A & B., Canadian labour code, part 2, section 125 (1) m ii), Canada occupational health and safety regulations (SOR/86-304) (amended May 2, 2022), Part IV Elevating Devices.	Person recognized under the laws of the province or territory in which the Lifts - Physical Disability are located.		
Elevators and Dumbwaiters/ Ascenseur / Monte-Charge		Annual Inspection	CSA B44.2 Maintenance requirements and intervals for elevators, dumbwaiters, escalators and moving walks. CSA B44 Safety code for elevators and escalators. Canadian labour code, part 2, section 125 (1) m ii). Canada occupational health and safety regulations (SOR/86-304) (amended May 2, 2022), Part IV Elevating Devices.	The inspector shall meet the qualification requirements of ASME QEI-1. Inspectors and inspection supervisors shall be certified by an independent, accredited, certifying organization. Periodic tests shall be performed by elevator personnel that are qualified to perform such tests and shall be witnessed by an inspector employed by the authority having jurisdiction, or by persons authorized by the authority having jurisdiction.		
Other/ Autre						
Potable Water Systems/ Eau potable		Sanitary Survey (3, 5 or 10 years)	Potable Water Guidelines and Standards for PCA (2006), article 1.3.5. Potable water Sanitary Survey Template is attached as Appendix 3 to the Statement of Work.	Certified operator, professional engineer or hydrogeologist (as per table 1.2 of the directive).		
Communication Towers/ Tours de communication	Self-Supporting Tower (> 15 m)/ Tour auto-portante (hauteur > 15 m)	6 Years Inspection	CSA S37-18 Antennas, towers, and antenna-supporting structures (R2018), Appendix D (2018). Canada Occupational Health and Safety Regulations (SOR/86-304) Division II Towers, Antennas and Antenna-Supporting Structures (Amended May 2, 2022).	(1) Qualified technician or professional engineer. (2) Person trained and instructed in a safe method of climbing.		
Oil-Water Separators		Annual Inspection	CAN/ULC-S656 - Norme sur les séparateurs huile-eau - 2014	NULL		
Electrical Arch Flash/ Arc électrique		5 Years Inspection	CSA Z462-15, Section 4.3.5	Certified master electrician (according to the province or territory regulation)		
Cranes & Overhead Hoists/ Grues et palans aériens		Yearly Inspection	Canadian labour code, part 2, Canada occupational health and safety regulations (SOR/86-304), ASME B30	Certified inspector (according to the province or territory regulation)		