

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 certification 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 certification 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	Vessel LPG, anhydrous ammonia, cryogenic or liquefied compressed gas/ Récipient de service au propane (LPG), gaz ammoniac, cryogénique ou gaz comprimé liquéfié.	5 Years Service	Canada occupational health and safety regulations SOR/86-304 - 2022 especially Part V Boilers and Pressure Vessels. ASME PTB-2-2022 CSA B149.2 Propane storage and handling code - 2020 CGA G-2.1 American National Standard Safety Requirements For The Storage And Handling Of Anhydrous Ammonia - 2014 CSA B51 - 2019 Boiler, pressure vessel, and pressure piping code. 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 certification 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.		
Electrical Systems/ Systèmes électriques					
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-Station/ 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					
Suspended Platforms/ Installation permanente plate-forme suspendue	Annual Inspection	CSA Z91-17 (R2022) Health and Safety Code for Suspended Equipment Operations. CSA Z271-20 Safety Code for Suspended Platforms.	Person recognized under the laws of the province or territory in which the suspended platforms are located.		
Ladders Fixed/ Échelle/ Fixe	Annual Inspection	ANSI A14.3-2008 Fixed Ladders (R2018)	NULL		
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					
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).		