

LIST OF REGULATORY REQUIREMENTS

Requirements are listed nationally as codes/standards, then acts/regulations, then by province (in alphabetical order). Within sections, they are listed by most frequent use or highest authority. When code versions are both acceptable, they are listed: 2013/R2018. Original published date is in parentheses.

CODES AND STANDARDS

CANADIAN STANDARDS ASSOCIATION (CSA)

CSA Codes are adopted by provincial regulatory authorities. Please contact the local Authority Having Jurisdiction (AHJ) to verify which version of a code is currently in force. A complete list of AHJ's can be found [here](#).

CSA standards that are referenced in the federal Transportation of Dangerous Goods Regulations (TDGR) can be accessed for free. Users can now log into Communities of Interest and register to find the TDG View Access site [here](#).

| CODE | DESCRIPTION | CURRENT VERSION |
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| CSA B149.1 - Natural Gas and Propane Installation Code | <p>Applies to the installation of:</p> <ul style="list-style-type: none"> • Appliances, equipment, components, and accessories where gas is to be used for fuel purposes; • Piping and tubing systems extending from the termination of the utility installation or from the distributor's propane tank; • Vehicle-refueling appliances and associated equipment meeting the requirements of a general purpose appliance to fill a natural-gas-fuelled vehicle; and • Stationary gas engines and turbines. | 2015/R2020 |
| CSA B149.2 – Propane Storage and Handling Code | <p>Applies to the installation of:</p> <ul style="list-style-type: none"> • Storage, handling, and transfer of propane; • Propane used as an engine fuel in other than highway vehicles; and • Installation of containers and equipment to be used for propane in distribution locations and filling plants. | 2015/R2020 |

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| CSA B149.3 – Code for the Field approval of Fuel-Related Components on Appliances and Equipment | Provides requirements for fuel-related components and accessories and their assembly on appliances and equipment utilizing gas. | 2015/R2020 |
| CSA B149.5 – Installation Code for Propane Fuel Systems and Containers on Motor Vehicles | This Code applies to <ul style="list-style-type: none"> • the installation, servicing, and repair of propane fuel system components and containers on motor vehicles for the provision of motive power; and • the installation of containers on motor vehicles such as recreational vehicles, outdoor food service units, and wash-mobiles when propane is to be used for fuel purposes (other than motive power). Note: <i>"Motor vehicles" Include cases where propane is used as an engine fuel in other than highway vehicles, such as ice resurfacing machines, lift trucks, lawnmowers, etc.</i> | 2015/R2020 |
| CSA B339 – Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods | Covers requirements for the manufacturing, inspection, testing, marking, requalification, reheat treatment, repair, and rebuilding of cylinders, spheres, and tubes (containers) for the transportation of dangerous goods. In addition, it includes the requirements for the qualification of new designs and registration requirements. | 2008/2014/R2018 |
| CSA B340 – Selection and Use of Cylinders, Spheres, Tubes, and Other Containers for the Transportation of Dangerous Goods, Class 2 | Sets out the requirements for the selection, use, handling and filling of cylinders, spheres, tubes, and other containers for the transportation of gases in Class 2. | 2014/R2018 |

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| CSA B341 – UN Pressure Receptacles and Multiple-Element Gas Containers for the Transport of Dangerous Goods | Sets out the requirements for the design, construction, initial inspection and testing, marking, periodic inspection and testing, and repair of UN pressure receptacles and multiple-element gas containers for the transport of dangerous goods. | 2015/R2018 |
| CSA B342 – Selection and Use of UN Pressure Receptacles, Multiple-Element Gas Containers, and Other Pressure Receptacles for the Transport of Dangerous Goods, Class 2 | Sets out the requirements for the selection, use, handling, and filling of UN pressure receptacles and multiple-element gas containers, and other receptacles for the transport of dangerous goods included in Class 2, gases. | 2015/R2018 |
| CSA B620 – Highway Tanks and TC Portable Tanks for the Transportation of Dangerous Goods | Applies to tanks, other than intermediate bulk containers and tubes, used for the transportation of dangerous goods primarily by road. It considers the design, construction, certification, assembly, modification, repair, testing, inspection and periodic retesting, maintenance, and identification of such tanks. This Standard also applies to the hose assemblies used to load or unload dangerous goods. | 2020 2014/R2019 2009 2003/R2008 |
| CSA B622 – Selection and Use of Highway Tanks, TC Portable Tanks, and Ton Containers for the Transportation of Dangerous Goods, Class 2 | Sets out the requirements for selection and use, handling, filling and unloading of highway tanks, TC portable tanks, and ton containers for transportation of dangerous goods in Class 2. | 2020 2014/R2019 2009 2003/R2008 |
| CSA B625 – Portable Tanks for the Transport of Dangerous Goods | Applies to the design and manufacture of UN portable tanks and their approval by the Competent Authority of Canada. Such UN portable tanks have a capacity greater than 450 L. Also applies to the selection, use, inspection, testing, and repair of UN portable tanks, as well as IMO-type portable tanks {IMO-type 1, 2, 5, or 7 tanks), and IM 101 and IM | 2020 2013/R2018 |

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| | 102 portable tanks, for handling, offering for transport, or transport of dangerous goods in Canada. | |
| CSA B51 – Boiler, Pressure Vessel, and Pressure Piping Code | <p>Part 1:</p> <ul style="list-style-type: none"> • Requirements for boilers, pressure vessels, pressure piping and fittings • Promotes safe design, construction, installation, operation, inspection, testing and repair practices <p>Part 2:</p> <ul style="list-style-type: none"> • Applies only to cylinders for the on-board storage of high-pressure compressed natural gas and/or compressed hydrogen as fuels for automotive vehicles to which the cylinders are to be fixed. • Specifies minimum requirements for serially produced lightweight refillable gas cylinders, both original equipment and conversions, having a water capacity exceeding 20 L but not exceeding 1000 L <p>Part 3:</p> <ul style="list-style-type: none"> • Covers pressure piping systems used in compressed natural gas (CNG) & hydrogen refueling stations | <p>2019 2014/R2019 2009</p> |
| CSA Z240 RV Series – Recreational Vehicles | Specifies dimensional and safety requirements for recreational vehicles. Its purpose is to specify minimum criteria for providing a degree of protection against loss of life from fire and explosion. | 2014/R2020 |
| CSA Z662 – Oil and Gas Pipeline Systems | <p>Created to help provide guidance on the safe design, construction and maintenance of pipeline systems used for:</p> <ul style="list-style-type: none"> • Liquid hydrocarbons, including crude oil, multiphase fluids, condensate, liquid petroleum products • Natural gas liquids and liquefied petroleum gas • Oilfield water/steam • Carbon dioxide used in oilfield enhanced recovery schemes | <p>2019 2015</p> |

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STANDARDS COUNCIL OF CANADA (SCC)

| REGULATION | DESCRIPTION | CURRENT VERSION | PERIOD |
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| CAN/CGSB-3.14 | Describes two grades of propane used only for Fuel Purposes. | 2013 | N/A |

FEDERAL & PROVINCIAL ACTS AND REGULATIONS

TRANSPORT CANADA

| REGULATION | DESCRIPTION | CURRENT VERSION | PERIOD |
|--|---|--|----------------------------|
| Transportation of Dangerous Goods (TDG) Act | An Act to promote public safety in the transportation of dangerous goods. | Transportation of Dangerous Goods Act, 1992 Last amended 2019 | N/A |
| Transportation of Dangerous Goods (TDG) Regulations | These regulations relate to the Transportation of Dangerous Goods (TDG) Act. | SOR/2001-286 SOR/2019-101 (amending ERAP only) | N/A |
| TP14877 Reverted to CAN/CGSB-43.147-20XX while under revision | <p>Sets out the requirements for the handling, offering for transport, and transporting of dangerous goods by rail in Canada. It includes requirements for the:</p> <ul style="list-style-type: none"> • construction and modification of tank cars and ton containers • qualification and maintenance of tank cars and ton containers • selection, use, and handling of ton containers, TC portable tanks, tank cars, hopper cars, and other large containers or transport units used in the handling, offering for transport, or transporting of Class 2, 3, 4, 5, 6.1, 8 and 9 dangerous goods by rail • movement of non-compliant containers. | 2018 | Revision of TP in progress |

ENVIRONMENT AND CLIMATE CHANGE CANADA

| REGULATION | DESCRIPTION | CURRENT VERSION | PERIOD |
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| Canadian Environmental Protection Act (CEPA) | An Act respecting pollution prevention and the protection of the environment and human health in order to contribute to sustainable development. | Canadian Environmental Protection Act, 1999 Last amended 2020 | N/A |
| Environmental Emergency (E2) Plans | The Environmental Emergency Regulations aim at enhancing the protection of the environment and human health in environmental emergency situations by promoting prevention and ensuring preparedness, response and recovery. They require persons who own or manage specified toxic and hazardous substances at or above the specified thresholds to provide required information on the substance(s), their quantities and to prepare and implement environmental emergency plans. New regulations come into force Aug 24/19. | SOR/2019-51 | N/A |

MEASUREMENT CANADA

| REGULATION | DESCRIPTION | CURRENT VERSION | PERIOD |
|--|---|---|--------|
| Weights and Measures Act | An Act respecting weights and measures. | Weights and Measures Act, 1985 Last amended 2019 | N/A |
| Weights and Measures Regulations | These regulations relate to the weights and measures act. | 2019 | N/A |

ALBERTA

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
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| Safety Codes Act | Includes regulations made under the Safety Codes Act, filed as regulations under the Regulations Act. | Alberta Municipal Affairs | 2020 |
| Gas Code Regulation | This regulation declares which CSA gas codes are in force. | Alberta Municipal Affairs | 2015 |
| Administrative Items Regulation AR 16/2004 | Supports the Safety Codes Act by identifying officers, service of orders/notices, process for reporting unsafe conditions, engineer review requirements. | Alberta Municipal Affairs | 2016 |
| Pressure Equipment Exemption Order AR 56/2006 | The Pressure Equipment Exemption Order, Alberta Regulation 56/2006, (PEEO) provides exemptions from the Safety Codes Act (Act) and from the Pressure Equipment Safety Regulation (PESR), the Pressure Welders Regulation (PWR) and the Power Engineers Regulation (PER). Update – Current version includes amendments up to and including AR 206/2019 | Alberta Municipal Affairs | 2019 |
| Pressure Equipment Safety Regulation AR 49/2006 | Establishes requirements that must be met by persons who own, operate, design, construct, install, inspect or maintain pressure equipment or provide related services. ABSA AB-516 Pressure Equipment Safety Regulation (PESR) User Guide | Alberta Municipal Affairs | 2015 |
| Power Engineers Regulation AR 85/2003 | Requirements for power plants, liquid heating systems, and heating plants. | Alberta Municipal Affairs | 2018 |
| Pressure Welders Regulation AR 169/2002 | Requirements for welders of pressure vessels including performance qualification tests | Alberta Municipal Affairs | 2020 |

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| Heating Oil and Propane Rebate Act | Describes the terms and conditions for providing a rebate for the purchase of oil or propane for residential, commercial or industrial heating in specific areas of Alberta. | Agriculture and Forestry | 2009 |
| Climate Leadership Act | This act imposes a carbon levy on all carbon-based fuels. Repealed by the government as of May 30, 2019. | Government of Alberta | N/A |

BRITISH COLUMBIA

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
|--|---|-------------------------------------|-----------------|
| Safety Standards Act | Applies to everyone who installs, alters, maintains or operates gas technologies. All licensed contractors are required to keep up to date with changes in the Act and Regulations. | Government of BC | 2019 |
| Safety Standards General Regulation | Requirements for certificates of qualification and contractor's licences, permits and inspections, including duties and reporting. An Equivalent Standards Agreement may be possible to perform your own inspections. | Government of BC | 2018 |
| Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation | This regulation applies in respect of every boiler and boiler plant, every pressure plant, every pressure vessel, every pressure piping system, every fitting, every plant and all refrigeration equipment and refrigeration plants. | Technical Safety BC | 2019 |

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| Gas Safety Regulation | Qualifications and licensing provisions, requirements for permits, regulated product standards, inspections, safety officers, and technical requirements for installation, repair. | Technical Safety BC | 2020 |
| Renewable & Low Carbon Fuel Requirements Regulation | Fuel suppliers must ensure that they have a minimum renewable fuel content of 5% for gasoline and 4% for diesel, on a provincial annual average basis They also must progressively decrease the average carbon intensity of their fuels to achieve a 10% reduction in 2020 relative to 2010 | Government of BC | 2020 |

MANITOBA

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
|---|--|---|-----------------|
| The Fires Prevention and Emergency Response Act | Regulations under The Fires Prevention and Emergency Response Act: <ul style="list-style-type: none"> • Manitoba Fire Code • Fire Safety Inspections (2014) Regulation • Fires Prevention and Emergency Response Administrative Penalties Regulation • Fires Prevention and Emergency Response Fees Regulation • Fire Hose Regulation • | Office of the Fire Commissioner (OFC) | 2018 |
| The Buildings and Mobile Homes Act | Regulations under The Buildings and Mobile Homes Act: <ul style="list-style-type: none"> • Manitoba Building Code | Office of the Fire Commissioner (OFC) | 2018 |

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| | <ul style="list-style-type: none"> • Manitoba Plumbing Code • Classes of Buildings Designation Regulation • Building Fees Regulation • Mobile Homes Standards and Permits Regulation • Manitoba Energy Code for Buildings • | | |
| Manitoba Green Building Program | The GBP describes sustainable criteria for planning, design, construction, operation and demolition of buildings in Manitoba. The GBP criteria reflect the government’s commitment to create cost effective buildings that respect the environment and contribute to healthier, more sustainable communities. | Department of Finance | 2013 |
| Climate and Green Plan Act | <p>The purpose of this Act is to</p> <ul style="list-style-type: none"> • reduce greenhouse gas emissions and address the effects of climate change; • promote sustainable development; • improve the management and protection of Manitoba's water resources; and • preserve and protect Manitoba's natural habitat and biodiversity. | The Legislative Assembly of Manitoba | 2018 |
| The Gas and Oil Burner Act | Relates to the sale and use of equipment, permits, licenses, and additional regulations. | Office of the Fire Commissioner (OFC) | 2019 |
| The Steam and Pressure Plants Act | Requirements for boiler and pressure vessels and their inspection, that are not part of the Shipping or Railway Act. | Office of the Fire Commissioner (OFC) | 2019 |

NEW BRUNSWICK

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
|--|---|---|-----------------|
| Boiler & Pressure Vessel Act | Regulation applying to boilers, pressure vessels, heat exchangers, air receivers, liquid receivers, oil refineries, refrigeration plants, power plants, steam processors or any other pressure vessel, fitting or piping. | Justice and Public Safety | 2011/R2020 |

NEWFOUNDLAND AND LABRADOR

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
|--|--|--------------------------------------|-----------------|
| Boiler, Pressure Vessel and Compressed Gas Regulations | Regulation applying to all steam and hot water boilers, pressure vessels, heat exchangers, air receivers, pressure plants, pressure piping systems, compressed gas systems and other pressure vessels or fittings referred to in the Act or defined in these regulations and to all power engineers, refrigeration and compressor operators, pressure welders, gas personnel and medical gas installers. | Service Newfoundland | 2018 |

| NOVA SCOTIA | | | |
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| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
| Technical Safety Act | <p>This applies to all Boiler and Pressure Equipment (BPE) as defined under the Technical Safety Act and Boiler and Pressure Equipment Regulations.</p> <ul style="list-style-type: none"> • Anyone involved in the construction, manufacturing, installation, operation, repair and maintenance of: <ul style="list-style-type: none"> boilers pressure vessels high pressure piping systems refrigeration plants | Labour and Workforce Development | 2008 |
| Fuel Safety Regulations | <p>The Chief Inspector's responsibilities and authority are derived from the Fuel Safety Regulations made pursuant to the Technical Safety Act. The main objective of this regulation is to ensure that all propane gas, natural gas, digester gas and landfill gas installations, in the province, are completed safely, in compliance with the Codes and Regulations, and by certified people.</p> <p>The Regulation adopts the latest editions of the propane, natural gas, digester gas and landfill gas codes and makes any changes or additions to these codes as required. The Chief Inspector provides interpretations of these codes to engineers,</p> | Labour and Workforce Development | 2011 |

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| | consultants, contractors, inspectors, etc., and is the person responsible for the final interpretation of the codes and the regulations. | | |
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| ONTARIO | | | |
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| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
| Technical Standards & Safety Act | The purpose of this Act is to enhance public safety in Ontario by providing for the efficient and flexible administration of technical standards with respect to the matters referred to in section 2. (2) This Act applies with respect to amusement devices, boilers and pressure vessels, elevating devices, fuels, operating engineers and upholstered or stuffed articles, as referred to in the regulations. | Technical Standards & Safety Authority (TSSA) | 2020 |
| Propane Storage and Handling Regulation (O. Reg. 211/01) | This Regulation applies to (a) the storage, handling, transportation and transfer of propane; (b) the installation of appliances, equipment, components, accessories and containers on highway vehicles, recreational vehicles, mobile housing, outdoor food service units, and wash-mobiles when propane is to be used for fuel purposes; (c) the installation of containers and equipment to be used for propane in distribution locations and filling plants and on tank trucks, tank trailers, and cargo liners; and (d) the conversion of highway and industrial vehicles to propane from gasoline or other hydrocarbon fuels. | Technical Standards & Safety Authority (TSSA) | 2015 |

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| Gaseous Fuels Regulation (O. Reg. 212/01) | This Regulation applies to the installation, testing, maintenance, repair, removal, replacement, inspection and use of appliances, equipment, components and accessories where gaseous fuels are to be used for fuel purposes. | Technical Standards & Safety Authority (TSSA) | 2015 |
| Fuel Industry Certificates Regulation (O. Reg. 215/01) | This Regulation applies with respect to certificates required to be held in order to perform work under the following regulations: 1. Ontario Regulation 212/01 (Gaseous Fuels). 2. Ontario Regulation 211/01 (Propane Storage and Handling). (2) Every person engaged in an activity, use of equipment, process or procedure to which the Act and this Regulation apply shall comply with the Act, this Regulation and any applicable director's order. (3) For the purposes of subsection (1), the reference to an activity, use of equipment, process or procedure includes, but is not limited to, design, construction, erection, installation, maintenance, alteration, service, use or disposal. | Technical Standards & Safety Authority (TSSA) | 2019 |
| Ontario Occupational Health and Safety Act | Sets out the rights and duties of all parties in the workplace. Establishes procedures for dealing with workplace hazards and it provides for enforcement of the law where compliance has not been achieved voluntarily by workplace parties. | Government of Ontario | 2020 |
| Fire Protection and Prevention Act | Promotes Fire Prevention and Public Safety in Ontario. Gives Firefighters and Fire Inspectors their rights of entry and action to perform their jobs as well as outlining Municipal responsibilities for fire prevention and protection. | Government of Ontario | 2019 |
| Highway Traffic Act, R.S.O. 1990 | The Highway Traffic Act (HTA) regulates the licensing of vehicles, classification of traffic offenses, | Ministry of Transportation | 2020 |

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| | administration of loads, classification of vehicles and other transport related issues. Includes seasonal load restrictions and Security of Loads (O. Reg. 363/04) . | | |
| Resource Recovery and Circular Economy Act | This legislation lays the foundation to divert more waste from landfills by requiring producers to take full responsibility for recovering resources and reducing waste associated with their products and packaging. Includes stewardship requirements for refillable and non-refillable propane containers. | Ministry of the Environment and Climate Change | 2020 |

PEI

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
|--|---|---|-----------------|
| Boiler & Pressure Vessel Act | This Act and the regulations apply to all boilers, pressure vessels, power plants, heating plants and pressure plants and fuel-burning equipment. | Communities, Land and Environment | 2015 |

QUEBEC

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
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| Construction Code and Safety Code | The mandate of the Régie du bâtiment du Québec (RBQ) is to develop and update the chapters of the Building Code and the Safety Code that apply to the gas sector. It ensures compliance with regulations | La Régie des Bâtiments du Québec | 2015 |

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| | <p>and ensures that stakeholders comply with their obligations.</p> <p>These obligations may concern, as appropriate, contractors, builders-owners, owners, gas distributors, professionals and manufacturers who work in this field</p> | | |
| Highway Safety Code | <p>Road safety is a priority for the SAAQ and it is everyone's business. It begins with compliance with the Highway Safety Code and the adoption of good behavior. SAAQ enforces the Safety Code and relevant regulations: Cargo Securement Standards Regulation (C24.2, r. 30), Transportation of Dangerous Substances Regulation (C24.2, r. 43)</p> | Société de l'assurance automobile du Québec | 2020 |
| Marché du Carbone Western Climate Initiative | <p>The carbon market targets industry and power companies that emit 25,000 metric tons of CO2 equivalent or more per year to cover GHG emissions from their operations, as well as fuel distributors and of fossil fuels that must cover GHG emissions related to the combustion of all the products they distribute in Québec. It is also open to other individuals, whether natural or legal, who wish to participate, even if they do not have a regulatory obligation.</p> | Développement durable, Environnement et lutte contre les changements climatiques | 2018 |

SASKATCHEWAN

| REGULATION | DESCRIPTION | AUTHORITY | CURRENT VERSION |
|--|---|---------------------------|-----------------|
| The Gas Inspection Act | <p>This Act applies to: (a) all gas installations and gas equipment; (b) the inspection of gas installations and gas equipment; (c) the design, manufacture, display, advertising, sale and use of gas equipment; (d) filling</p> | SaskPower | 2018 |

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| | plants; (e) portable propane storage containers; (f) the filling of propane automobile storage containers | | |
| The Gas Inspection Regulations | These regulations relate to the Gas Inspection Act. | SaskPower | 2015 |
| The Gas Licensing Act | Licensing of Persons who Perform Work of Gas Installation or Sell Gas Equipment | Government of Saskatchewan | 2020 |
| The Boiler and Pressure Vessel Act | Regulation of the Design, Construction, Installation, Operation, Alteration, Repair and Sale of Boilers, Pressure Vessels, Plants and Pressure Piping Systems. Boiler and Pressure Vessel Regulations, 2017 | Government of Saskatchewan | 2019 |