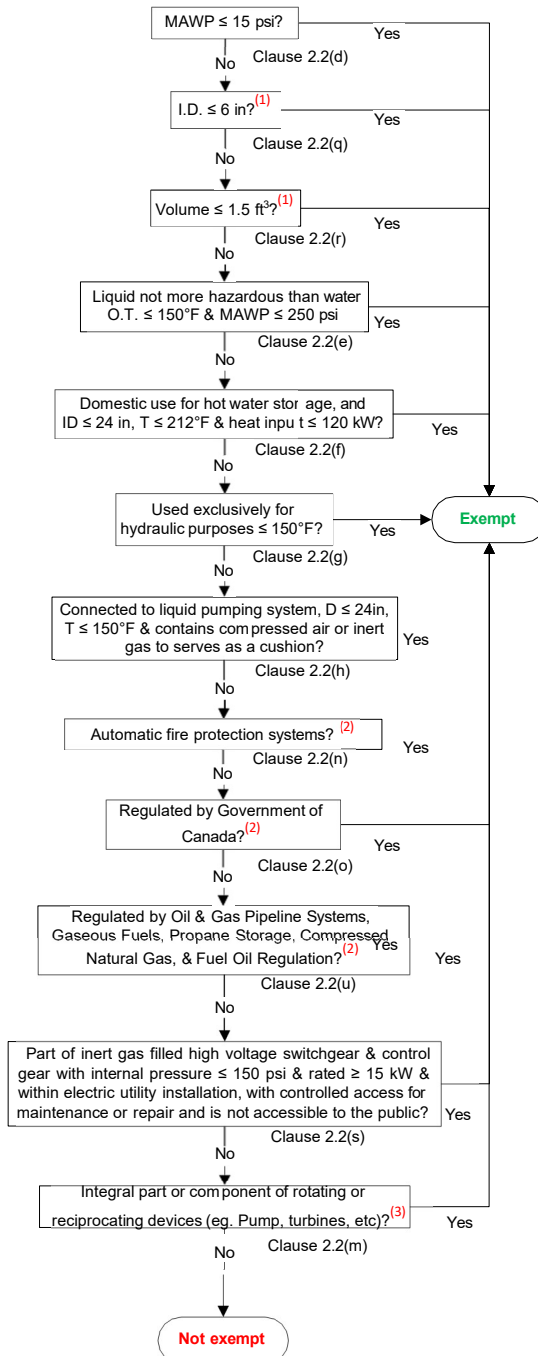




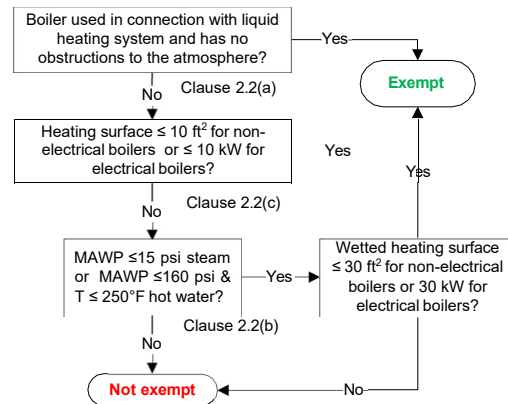
# Safety Information Bulletin: SB00-7 Rev. 5

## Guide for the Scope of Services Requiring Registration and Inspection of Boiler and Pressure Vessels Pressure Piping Systems by Boilers and Pressure Vessels Safety Division (BPVSD) for Installations in the Province of Ontario

### Pressure Vessels Exemptions



### Boilers Exemptions



### Periodic Inspection Exemptions

- Refrigerant pressure vessels and refrigerant receivers, except where the refrigerant is ammonia
- Blowdown tanks
- Water to water heat exchangers
- Compressed air receivers, where the MAWP ≤ 250 psi and the capacity ≤ 23 ft³

### Periodic Inspection Intervals

#### 1 year

- High Pressure Boiler
- Deaerator
- Hydrogen Electrolyzer
- Pressure Vessel fitted with Quick-Opening Door

#### 2 years

- Low Pressure Boiler

#### 3 years

- Pressure Vessel

### Notes:

When applying this guideline sheet, please refer to O.Reg.220/01, Code Adoption Document, and Director's Orders for the legal statements.

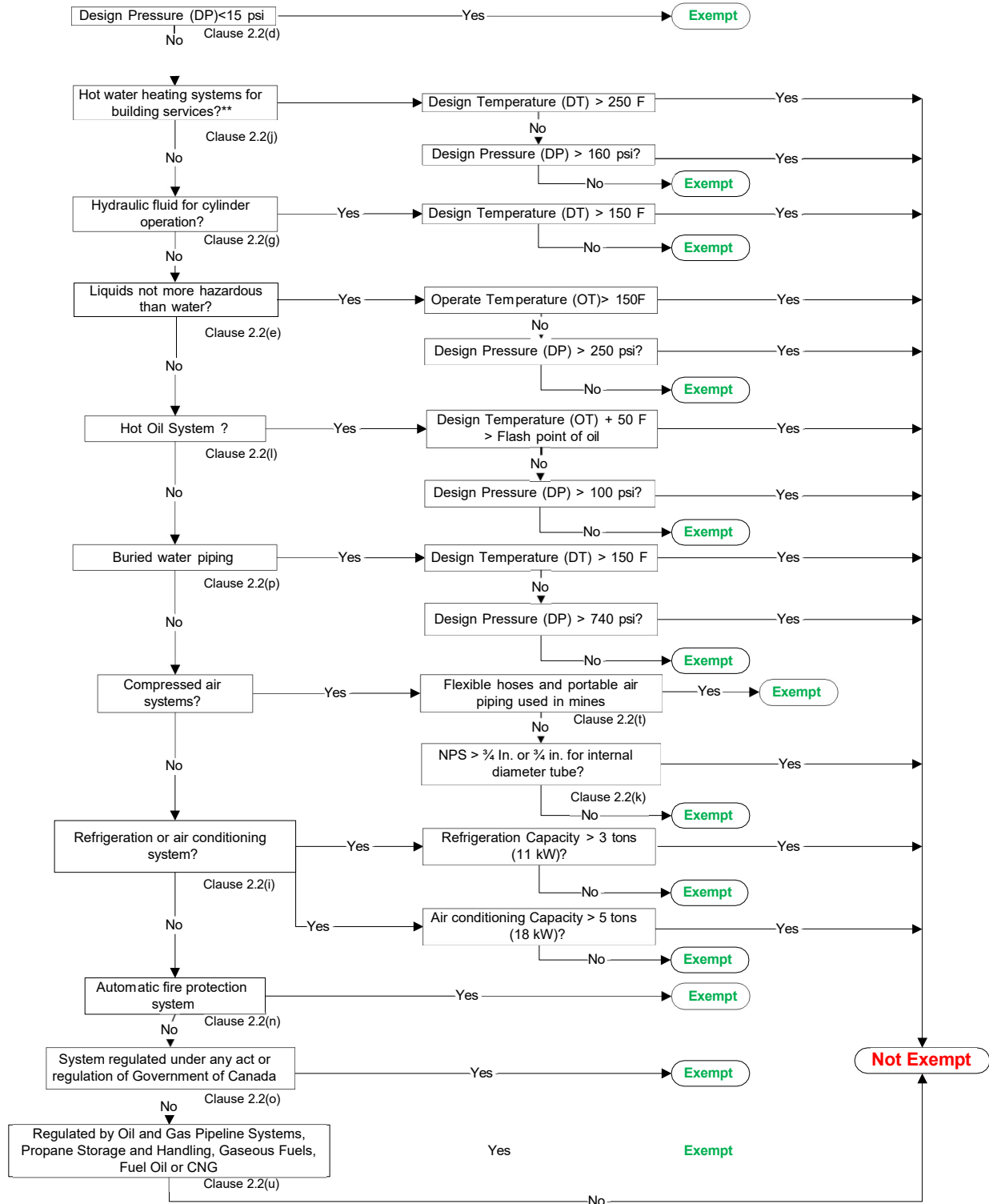
(1) Caution: these items may be required TSSA registration as pressure piping or fittings.

(2) Caution: Design registration and fabrication inspection Upon request.

(3) Caution: pressure containers that form an integral part of or that are a component of rotating or reciprocating mechanical devices, including pumps, compressors, turbines, generators, engines and hydraulic or pneumatic cylinders where the primary design considerations or stresses, or both, are derived from the functional requirements of the device;

# Piping Exemptions from Boilers and Pressure Vessel Regulation

(O.Reg 220/01)



## Notes

- When applying this guideline, please refer to O.Reg.220/01, Code Adoption Document (BPV-25-01) for the full legal descriptions.
- Refrigeration systems that are classified as A1 or A2L that have a prime mover nameplate rating of  $\leq 500$  kW and are tested and certified to either CSA C22.2 No. 60335-2-24, 60335-2-40, 117, 236, 60335-2-89, 120, or 128 by an approved testing laboratory do not require TSSA registration and inspection.
- Refrigeration systems that are classified as other than A1 or A2L that have a prime mover nameplate rating of  $\leq 125$  kW and are tested and certified to either CSA C22.2 No. 60335-2-24, 60335-2-40, 117, 236, 60335-2-89, 120, or 128 by an approved testing laboratory do not require TSSA registration and inspection.
- Small piping systems,  $\leq 6$  int. diam. And  $\leq 1.5$  ft<sup>3</sup> = Category H fitting as long as it is attached to a piping system, boiler or pressure vessel otherwise it is exempt.
- NPS is Nominal Pipe Size
- \*\* The Exemption is applied to a system that uses water for heating buildings. Other fluids such as glycol or brine are not exempt