



A Munich Re company

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# Boiler & Pressure Vessel Jurisdictional Inspections

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Beginning January 1, 2022 OSBIE has partnered with HSB Canada who is **now the equipment breakdown insurer with National Board and COC (TSSA requirement) accredited inspectors**. HSB Canada will be conducting the required jurisdictional inspections of boiler and pressure vessels.

## HSB Canada Account Manager

Kaivan Kia  
[kkia@biico.com](mailto:kkia@biico.com)  
416-735-4057

## OSBIE Contact

Allison Palis  
[allisonp@osbie.on.ca](mailto:allisonp@osbie.on.ca)  
1-800-668-6724 ext. 231

## Inspection Process

The OSBIE member portal is populated with boiler and pressure vessel data provided by the school board and/or data provided by the previous boiler and machinery insurer. Based on this information, OSBIE will provide HSB Canada with the list of locations and objects that require inspection in advance of the Certificate of Inspection expiry date. Click [here](#) for more information on the member portal.

HSB Canada will reach out to the school board contact and outline the locations with objects that require inspection. **Please advise OSBIE of any changes to the school board contact.**

Once an inspection has been completed, the school board will receive the Inspection Report from HSB Canada.

The school board will be responsible for ensuring that any code violations are rectified and that this gets communicated back to the HSB Canada inspector to schedule a follow up inspection.

If HSB Canada's inspector deems a Boiler or Pressure Vessel unsafe (FAIL condition) to operate, TSSA will be immediately contacted by phone and/or email. TSSA will be responsible for enforcement of the jurisdictional legislation related to the failed condition.

Any fees to TSSA that may be incurred by the school board, resulting from code violations or failed conditions will be the sole responsibility of the school board.

## What Inspectors are Looking For (Inspection Checklist)

- **On-site** records or suitable alternate (determined by the inspector) to be made available to the inspector
- **On-site** TSSA certificates issued after July 1, 2018. We will need these often to determine which object is associated with which UID because the information available to us from TSSA does not have complete information, but the certificate will.
- Annual maintenance of boilers by a certified G1 boiler technician, in-house or contractor
- All safety devices and controls to be tested and calibrated
- All operating controls to be tested and calibrated
- Steam boiler blowdown and chemical treatment by in-house staff
- Safety valves to be current, no more than the specified years installed on the object
- Most inspections will be external
- Internal inspection is at the discretion of the inspector
- Inspectors will also be looking at general housekeeping in room in which the object is located
- Regulatory and technical data such as:
  - ASME Nameplate.
  - CRNs, for both the Boiler/Pressure Vessel and the Safety Relief Valve.
  - Maximum Allowable Working Pressure, design temperature.
  - Safety Relief Valve set pressure.
  - Boiler size, heating surface.

## Obtaining a Certificate of Inspection (COI) from TSSA

Instructions can be found on the TSSA website [here](#).

***\*Save a PDF copy of the Certificate of Inspection to the OSBIE member portal. Hard copies of the COI are to be posted near the corresponding objects.***

## The OSBIE Member Portal

The purpose of OSBIE's portal is to track boiler and pressure vessels requiring periodic mandated inspections as well as a complete listing of all objects insured under this program. The database assists our members in complying with the legal requirements, track inspection due dates and allow OSBIE to arrange the required inspections and assist you with the certification process.

OSBIE uploads inspection data received from HSB Canada. The school board is responsible for ensuring that the data is correct and to add the TSSA Certificate of Inspection (COI) expiry date as well as any relevant documents (COIs, service records, name plate photos, etc.).

To obtain access to the OSBIE member portal, please contact Allison Palis at 800-668-6724 ext. 231 or [allisonp@osbie.on.ca](mailto:allisonp@osbie.on.ca).

## Installation of New or Used Objects

It is the responsibility of the school board to have a first inspection completed by TSSA before operating the object. First inspections are required for any boiler or pressure vessel with a built year of 2006 or later. Depending on the contract with the installer of the object, they or the school board must arrange to have a first inspection completed. The school board is responsible to ensure that the inspection is completed.

To arrange a first inspection, email TSSA at [inspectionsscheduling@tssa.org](mailto:inspectionsscheduling@tssa.org).

***\*Remember to update the OSBIE member portal with the information about the newly installed device, including a copy of the inspection report and Certificate of Inspection. Include the Certificate of Inspection expiry date.***

## Sold, relocated, dismantled, or scrapped devices

If the pressure equipment is sold or relocated to a location still under your responsibility, you need to contact TSSA for an installation inspection.

Complete the [Permanent Removal of Boilers or Pressure Vessels from Operation or Use](#) form and send it to [bpvcustomerservice@tssa.org](mailto:bpvcustomerservice@tssa.org).

***\*Remember to update the OSBIE member portal with the removal date of the object.***

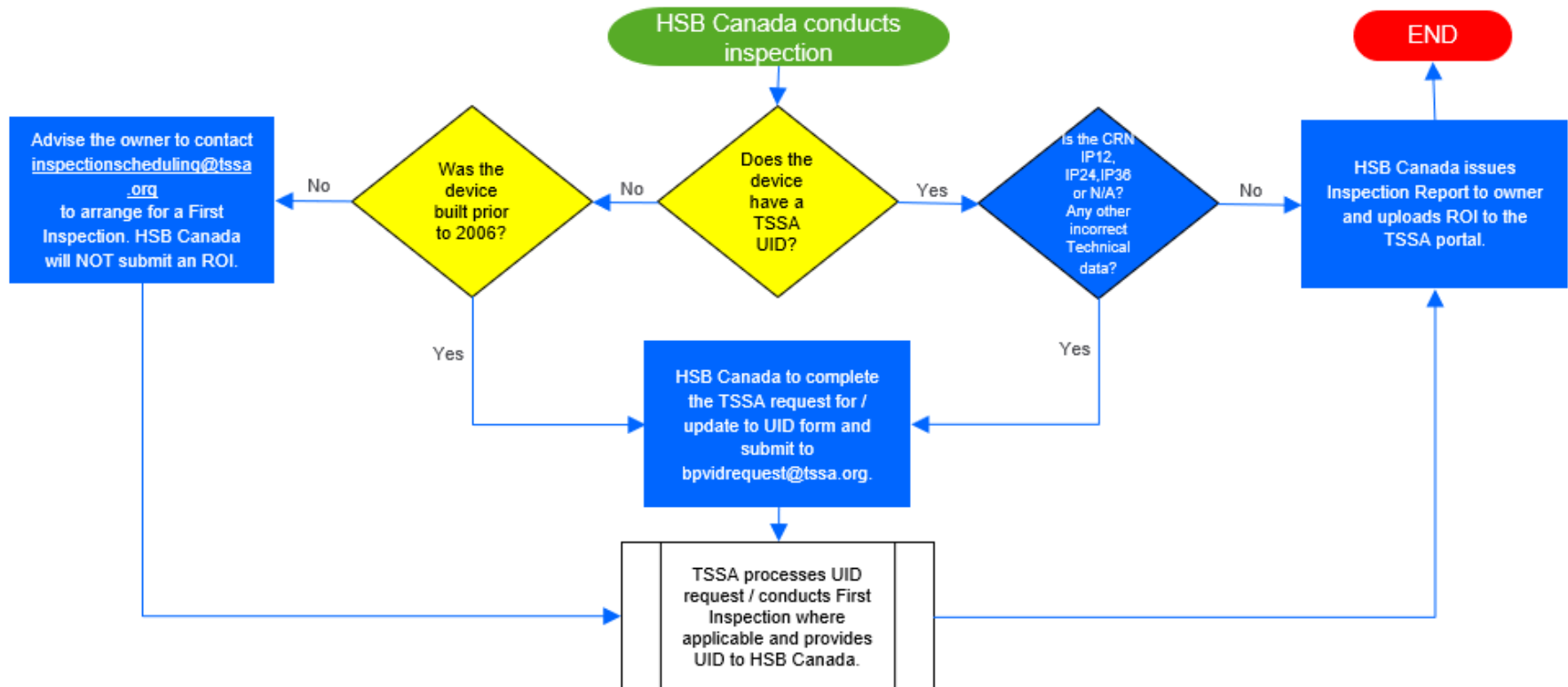
## Objects Requiring Inspection

- Boilers having a heating surface greater than of 10 square feet AND a power rating of more than 10 kw require inspections every year.
- Low Pressure Boilers (a boilers with an MAWP of 160 psi or less where the water temperature at any boiler outlet is 250 F or less) with a wetted heating surface greater than 30 square feet AND a power rating greater than 30 kW, require inspection every 2 years.
- All pressure vessels likely to be found in a school or school board office and requiring inspection will require inspection every 3 years and include:
  - Air tanks (compressed air receivers) greater than 23 cubic feet or greater than 250 psi maximum allowable working pressure
  - Hot water tanks and Cushion tanks greater than 24-inch diameter
  - Hydro pneumatic tanks greater than 24-inch diameter

Refer to Ontario Regulation 220/01 (O. Reg. 220/01), paragraph 2. (1)(2) and Ontario Code Adoption document (BPV-20-01 R1) for the complete list of exemption and periodic inspection requirements.

## Objects Missing a TSSA Unique Identification Number (UID)

TSSA assigns each object requiring jurisdictional inspection a UID. The following flow chart shows the process for obtaining a UID and the board's and HSB Canada's responsibilities.



## Inspection Process Flow Chart

