



BOILER GAUGE GLASS BLOWDOWN PROCEDURE (#1 AND #4)

Safe Operating Procedure
Updated February 02, 2023

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Hazards	hot exposed piping
Tools/Equipment	
Employee Group(s)	Facilities Management – Central Heating Plant

Required PPE:



Safety Shoes



Eye
Protection



Ear
Protection



Gloves

SAFE WORK PRACTICES

- Do not perform the procedure or operate the equipment until you have been appropriately trained and authorized to do so by your supervisor.
- Inspect required personal protective equipment (PPE) and replace if required.

PROCEDURE

1. Confirm water is visible in gauge glass. It should be a little less than one-half glass which is normal operating level.
2. Depress red trip bypass button on right-hand side of 600-volt cabinet on side of boiler adjacent to gauge glass piping. **Note:** This button must stay depressed during entire duration of blowdown procedure.
3. Open gauge glass drain valve and allow water to empty out of glass.
4. Close drain valve and allow water to return to normal operating level – a little less than one-half glass. Ensure water is visible in glass.
5. Wait 4 or 5 seconds for level to stabilize before releasing trip bypass button.

NOTE: All PPE, tools and equipment shall be used in accordance with provincial OH&S legislation, manufacturer's specifications, applicable standards and codes of practice.