



Hazards	burns
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.
- This procedure involves high temperature, high pressure water so care should be taken to open valves slowly. Piping will also be extremely hot.

PROCEDURE

1. This procedure is based on maintaining the boiler water conductivity below 3000 uhmos. Ideally, the boiler water conductivity is maintained around 2000 uhmos.
2. If the conductivity is above 2000 uhmos, boiler blowdown is required.
3. Open one of the quick opening valves fully and then open the slow opening valve for 10 seconds.
4. Close the slow opening valve first and then close the quick opening valve.
5. Allow the boiler water level to stabilize, then repeat the process using the other quick opening valve.
6. Open the quick opening valve fully and then open the slow opening valve for 10 seconds.
7. Close the slow opening valve first and then close the quick opening valve.

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.