



<b>Hazards</b>	
<b>Tools/Equipment</b>	adjustable or 3/4" open end wrench, pliers
<b>Employee Group(s)</b>	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.
- Strainer body will be full of hot water. Care must be taken when opening strainer drain valve.

**PROCEDURE**

1. Take pump off standby and open electrical supply breaker.
2. Close pump discharge, suction and fill isolating valves.
3. Remove cap from end of strainer drain and slowly open drain valve.
4. When water is completely drained from strainer, use applicable wrench to remove bolts and studs from strainer end cap.
5. Pliers may be needed to remove strainer basket and care must be taken not to damage basket.
6. Remove any debris from basket and rinse with garden or air hose to remove any dirt embedded in basket mesh.
7. When clean, replace basket in strainer body and check gasket for any excess wear or damage. Replace if necessary.
8. Replace strainer end cap and tighten up bolts/studs.
9. Close strainer drain valve and replace end cap.
10. Slowly open pump fill valve, suction valve and discharge valve, checking for any leakage around strainer flange.
11. If there are no leaks, electrical supply breaker may be closed and pump put back on standby.

---

*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.*