



Hazards	burns
Tools/Equipment	valve wrench, blank flange, adjustable wrench
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.
- It is vitally important when carrying out this procedure not to allow the DA to go into a “negative” pressure condition. This may cause the DA storage tank to implode.

PROCEDURE

1. Isolate the following steam trap discharge lines which tie into the condensate header to the DA:
 - ✓ Steam to Nicholson, Bloomfield and Lane
 - ✓ Steam to fuel oil tanks
 - ✓ CHP main steam header traps (2)
 - ✓ Steam to north side of campus at tunnel entrance (2)
 - ✓ Auxiliary steam supply
 - ✓ Steam supply to D/A
2. Open trap drains at tunnel entrance and allow condensate to drain to floor.
3. If needed the condensate sample line at the chemical test sink can be opened.
4. Open DA vent to allow pressure to decay and also to stop DA from going to a negative pressure. There is also a vacuum breaker on the steam supply line on top of the DA.
5. Slowly close in on the DA steam supply isolator until it is closed.
6. The DA pressure will slowly decrease to “0” psi. At this point it is safe to break the condensate header flange at the back of the DA and insert a blank flange.
7. The condensate header is now fully isolated from the DA and the steam can be slowly restored to the DA. It should settle out around 3 ½ to 4 psi.
8. The DA vent can now be closed to approximately one turn open.
9. DA does not need to be isolated for HP trap header service.

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.