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| Hazards | skin reactions or burns |
| Tools/Equipment | 10 ml graduated sample test tube, Ph optical comparator, phenol red reagent |
| Employee Group(s) | Facilities Management – Central Heating Plant |

Required PPE:



Safety Shoes



Eye Protection



Ear Protection



Chemical Resistant 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.
- Safety eye wear and rubber gloves should always be worn when carrying out test procedures. Some of the test reagents used will cause skin reactions or burns and proper protection should be worn at all times.

PROCEDURE

1. Collect 5 ml sample in test tube.
2. Add .5 ml of Phenol Red.
3. Close end of sample test tube with rubber stopper or gloved thumb to avoid creating a false higher pH reading and shake to mix thoroughly.
4. Compare to color in pH rack.
5. Limit is 8+.
6. Control is Steamate NA2360.

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.