

CHILLER PLANT MASTER SAFETY DOCUMENT

**This document is not to supersede any existing signage.
All UVA safety programs must be followed.**



- ✚ Always keep safety glasses, gloves, hardhat, and high visibility vest close by.
 - Safety glasses- **Must be worn** on: jobsites, mechanical rooms and whenever eye injuries may occur while working.
 - Gloves- **Must be worn** when working performing hot work, cutting, and handling material with sharp edges.
 - Safety Shoes- **Must be worn** all times at UVA.
 - Hearing Protection- **Must be worn** in plants, or around loud equipment.
 - Hardhat- **Must be worn** on construction sites, near heavy equipment, flagging, and hoisting rigging.
 - High visibility vest- **Must be worn** on construction sites, near heavy equipment, and when working in a roadway or within 20' of a roadway.
- ✚ Fill out pre-job safety analysis, and necessary checklists with the crew. (OnBase app or hard copy)
 - JSA- **Must be completed** for every job daily.
 - Hot work permit- **Must be completed** when creating any flame, creating any sparks, and welding.
 - Confined space entry permit- **Must be completed** when work is to be done inside of any permit required confined space.
 - Lifts- Make sure work area is blocked off from the public. Everyone must have proper PPE in the work area.
- ✚ Remember the **6 NEVER EVENTS** (Accidents in these areas can be fatal!)
 - Confined Space
 - Electrical
 - Excavation
 - Fall Protection
 - Hoisting/Rigging
 - LOTO
- ✚ Extra care must be taken when working around/on electrical motor starters and drives.
 - **Do not** perform electrical work alone.
- ✚ Extra care must be taken when working in Cooling Towers.
 - **Do not** go alone, have at least one other person with you. (You may go alone under very special circumstances which will require supervisor approval)
 - Plan your escape routes in case of emergency.
- ✚ Never enter the Chiller Plant when the Refrigerant Alarm is active.
- ✚ Be aware of where you are throwing sparks.
 - Wear safety glasses when using face shield or welding hood.
 - Throw sparks towards floor whenever possible and away from yourself, flammable objects, and people.
- ✚ Protect the public from falling in holes.
 - Use cones and spreaders for open manholes hatches.
 - Install temporary fencing or barricades around larger excavations.
- ✚ Inspect all tools and safety equipment prior to each use. Notify the supervisor of any damaged items for replacement.
- ✚ Stay hydrated regardless of temperature and drink extra fluids during hot days and when working in hot environments.
- ✚ Be aware of your surroundings, look after your co-workers, and watch for bystanders.
- ✚ Drive with extra caution while on grounds.
- ✚ Notify General Contractor when entering construction sites.
- ✚ Be aware of copperhead snakes when moving an object that has been sitting for a long time. Take extra caution around the water tanks.
- ✚ **Be alert and stay focused, conditions can change without warning. Do not panic in the event of an emergency, try to remain calm so that you can make good decisions.**

