



## Lockout/Tagout

### SAFETY CONCERNS

- Machinery or equipment that is not locked out may still have potential for startup and serious injury or death.
- Machinery or equipment that has been locked out/tagged out by employees on scene but not by CCF&R could be reactivated without CCF&R consent and/or knowledge.

### PRIORITY ACTIONS

- Identify need for Lockout/Tag out. Does the incident involve any of the following types of energy? Electrical, mechanical, hydraulic, pneumatic, chemical, thermal, gravitational, or have the potential for stored energy?
- Identify what machine or equipment is being taken out of operation.
- Apply lockout device and tag. Make sure that tag has date and time of shutdown, name of person shutting down equipment, and Captain's name.
- In the event that equipment is not equipped for lockout capability and cannot in any way be locked out, then at minimum a tag out should be performed.
- Check for secondary means of power. Secure all secondary means of power as well.
- If employees at incident site have already locked out/tagged out machinery or equipment, than one of CCF&R's lockout devices should be added to lockout tree to ensure that no accidental startup may occur.
- Upon completion of incident, the captain, BC, or safety coordinator must be contacted to approve of removal of any lockout/tag out device and all crews need to be accounted for and be made aware the equipment is unlocked.

### SPECIAL CONSIDERATIONS

- Keep all personnel away from machinery or equipment until lockout/tag out is performed and verified.
- Pulling fuses is no substitute for locking out.



# FIELD OPERATIONS GUIDE

- Locking out one source of power may not be enough. Many pieces of equipment use a combination or power supplies.
- Intermittently operating equipment, such as pumps, fans, compressors, etc., may seem harmless when they are dormant. Don't assume this equipment won't start operating suddenly.
- Never place a lock where the disconnect can be bypassed at other locations.
- **Never** assume an incident is too small for locking out.