Part IX DE-ENERGIZATION AND LOCKOUT

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Explanations

Section E135 Alternative procedures

Subsection E135(1)(c) This section is only to be employed if Section 129 cannot be effectively implemented regarding machinery and equipment. Sections 130 – 134 AND 135(2) shall enforced in this situation.

Subsection E135(2) A request under subsection 135(2) of the OHS Regulations for approval to use control system isolating devices is to be submitted in writing to the OHS Division, and should include the following information to allow for efficient processing:

1. List the tasks or activities intended to be done using control system isolating devices.
2. Describe the hazard(s) which workers will be protected from by the use of this lockout procedure.
3. Explain why is it not practicable to implement lockout through use of energy isolating devices rather than control system isolating devices.
4. Describe the proposed control circuit system to be used for lockout and the procedures for using it.
5. Provide a risk assessment showing how the proposed system will provide effective protection to workers.
Figure 9.1 is a flowchart to assist in complying with all of the applicable sections of Part IX De-energization and Lockout.

For the work activity or task, is there a hazard which requires control through de-energization and/or lockout?

Yes

Decide if the activity or task is ”maintenance” or ”normal production”, as defined in Section 127

Is safeguarding practicable?

Normal Production

Yes

Safeguard to an acceptable standard (supported by manufacturer’s documentation through manuals or schematic diagrams) Sections 88 & 90

No

Maintenance

Is energy required for maintenance procedure?

Yes

Is lockout with energy isolating devices practicable?

No

Only vital parts to be energized. Only qualified & authorized workers to do work. Section 137

Yes

Section 135 applies. Note the use of control system isolating devices as alternative procedures must be approved in writing by the Division. Section 135(2)

No

Lockout as per Sections 129 to 134

FOLLOW ESTABLISHED SAFE WORK PROCEDURE
Section E136  Where locks not required

This section is intended to allow for tool changes on equipment such as a drill press or lathe without requiring lockout through use of a personal lock. This provision should not be used during major maintenance or servicing, such as a motor change.

The Division will accept that a worker has exclusive and immediate control of the energy isolating device if:

- the machine or equipment has only one set of operating controls, and the equipment is stopped,
- the energy isolating device remains in the field of vision of the worker at all times while the task is being done and is located so that any move by another worker to activate the control will be immediately obvious to the worker doing work on the machine or equipment,
- written safe work procedures for the task exist, and the affected workers are trained in and follow the procedures, and
- the written safe work procedures are specific as to what tasks can be done without application of a personal lock. Any other maintenance or servicing should be done using a lockout procedure requiring the use of personal locks.