



# BATTERY CUT-OFF SAW

## Tool Box Talk



**Newer battery cut-off saws have built-in safety with fast-acting blade brake and better handling and maneuverability. Improper use of the tool can be dangerous. Below are some tips to keep in mind when using a battery cut-off saw:**

### Control methods to promote safer use

#### Engineering controls

Protective equipment such as the blade guard (hood) is a must. Do not tamper, modify or remove the blade guard. Use a compatible water solution to reduce dust exposure

#### Administrative controls

- Reduce exposure time through work rotation and proper resting periods
- Keep the workplace clean and organized

#### Personal protective measures — PPE, gloves, eye, skin, hearing

Always wear the personal protective equipment as set by the saw manufacturer, job site requirements, and local regulations

### Maintenance and inspection

- Optimize the life and safety of your saw by inspecting it before daily use
- **Things to look for:**
  - Cracked or damaged disc
  - Damaged batteries
  - Battery charge level
  - Split hoses
  - Properly installed arbor bolts
  - Properly connected hose adapter
  - Disc put on properly
  - Damaged or removed guards

### Steps for a safer worksite while utilizing battery cut-off saw

- Operate tool in accordance with operator manual
- Keep work site organized and well lit
- Check work area for cables, gas and other pipes and wiring
- Ensure enough distance from persons and other objects during operation
- Assure proper support of material being cut to ensure pinching does not happen
- Ensure good grip on saw and balanced stance
- Don't bend over the blade or stand in direct line
- Never work with saw above your shoulders; when working on height, you should use a platform/scaffold, not a ladder
- Cut with the lower quadrant of the blade to reduce kickback
- Turn off saw before carrying to new location
- Store batteries in well ventilated cool environment removed from the tool
- **Use proper disc**
  - Concrete: diamond or concrete abrasive disc
  - Steel: abrasive disc
  - Follow all instructions and warnings in the tool operator's manual and disc labels/warnings
- Keep clear of the areas in front of and behind the rotating cut-off wheel
- Never tamper with or modify the power tool or battery in any way

### Helpful features of gas saw

- Easier starting
- Easier maintenance
- Water pump attachment to reduce repetitive pump motion and secure area from additional workers

