

Volusia County Fire Services Safety Gram

Barry G. Ellis
Battalion 20A/Safety 10

Power Tool Safety and Care

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Company officers must comply with all national guidelines concerning safety of power tools (electric, hydraulic, & pneumatic) assigned to station apparatus. Basic safety check list is as follows:

Safety

- Wear personal protection equipment before use
- Wear safety goggles
- Wear self contained breathing apparatus when needed
- Select the correct tool for the job
- Keep safe guards in place
- Keep hands and other body parts from work area
- Inspect each tool before use
- Follow manufacturer's instruction
- Do not use in atmospheres containing flammable vapors
- Check electrical safety:
 - Do not use if cord is frayed
 - Do not use if bare wire exposed
 - Do not use unless has department connections
 - Do not use in wet areas
 - Do not lay cord in walking area
 - Do not tie knots in cords
 - Do not drop junction boxes in wet areas
- Turn off before adjusting or fixing
- Store in assigned location on apparatus

Reference NFPA 1001 and OSHA compliance encyclopedia

Dispersion level Chart

Dispersion Range 0-40 is stable air, low fire intensity, less long range spotting.

Dispersion Range 41-70 is moderate unstable air, increased fire intensity and long range spotting.

Dispersion Range 70+ is unstable air, high amount of upper lifting, intense fire activity, potential for long range spotting and plume dominated wildfires.

Fire-line Handbook Jan.'98

Fight fire aggressively, but provide for safety first.
Initiate all action based on current and expected fire behavior.
Recognize current weather conditions and obtain forecasts.
Ensure instructions are given and understood.

Obtain current information on status.
Remain in communication with crewmembers, your supervisor, and adjoining forces.
Determine safety zones and escape routes.
Establish lookouts in potentially hazardous situations.
Remain in control at all times.
Stay alert, keep calm, act decisively.
NWCG Handbook 3