



All DeLong's Facilities

Procedure #:
CS-001

Fire and Fire Extinguisher
Training

Rev 1

1. Purpose:

- 1.1 The purpose of this procedure is to provide a better understanding of fires, and how to use fire extinguishers.

2. Responsibility:

- 2.1 The Environmental Health and Safety (EHS) Manager is the program coordinator, with overall responsibility for the program, including reviewing and updating this plan as necessary.
- 2.2 The EHS Manager and/or Supervisors are responsible for implementation of this procedure, and training of all employees with regard to this procedure.

3. References:

- 3.1 29 CFR Subpart L – Fire Protection.
- 3.2 29 CFR 1910.157 – Portable Fire Extinguishers.

4. Procedure:

4.1 Classes of Fires.

4.1.1 There are 5 classes of fires.

- Class A – Combustible Materials
- Class B – Flammable Liquids/Gasses
- Class C – Electrical
- Class D – Combustible Metals
- Class K – Industrial Grease Fires

4.1.2 3 classes of fires at our plant.

- Class A
- Class B
- Class C

4.1.3 Simple way to remember classes of fires.

- Class A – Ash (Something that will leave an ash behind after it is burnt)
- Class B – Boil (Liquids boil)
- Class C – Current (Electricity carries a current)

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Page 1 of 3



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4.2 Fire Extinguisher Training.

4.2.1 2 types of fire extinguishers at our facilities.

- ABC – Dry Chemical Powder
 - Puts out Class A, B, and C fires.
- CO2 – Carbon Dioxide
 - Best used for electrical fires, cools the source and leaves no residue.

4.2.2 Fire Triangle – 3 things fire needs to sustain itself, fire extinguishers remove one or more of each.

- Oxygen
- Fuel
- Heat/Ignition Source

4.2.3 PASS Method

- P – Pull the pin
- A – Aim the hose
- S – Squeeze the trigger
- S – Sweep back and fourth

4.2.4 We only handle fires in the incipient stages (beginning stage of a fire that requires only 1 extinguisher to control). If a fire is beyond the incipient stage, exit the building and notify a supervisor.

4.2.5 When fighting a fire:

- Start a distance (approx. 10 feet) from the fire and with a sweeping motion work your way towards the flames.
- Shoot at the source of the fire, and not the flames in the air.
- Always make sure you have a way out, make sure your back is clear to the exit, and never have the fire between you and the exit.
- Never walk away from an extinguished fire that is smoldering/smoking.
- Replace any used extinguishers immediately, even if the extinguisher is not empty.

4.2.6 Report and fill out the Fire Incident Report (FORM #004) on all fires. See EHS Manager for forms.

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Page 2 of 3



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4.2.7 No material, clutter, equipment, etc. shall obstruct or prevent access to a fire extinguisher.

4.2.8 All employees will receive annual refresher training.

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Page 3 of 3