

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.

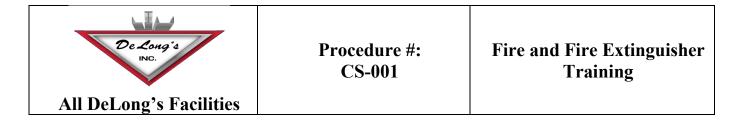
3. References:

- **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)

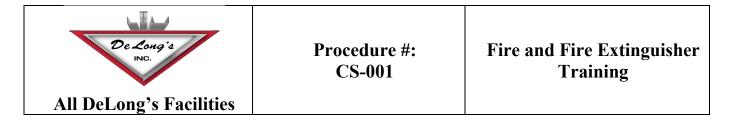
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- **4.2** Fire Extinguisher Training.
 - **4.2.1** 2 types of fire extinguishers at our facilities.
 - ABC Dry Chemical Powder
 Puts out Class A, B, and C fires.
 - CO2 Carbon Dioxide
 Best used for electrical fires, cools the source and leaves no 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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- **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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