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## COMBUSTION SAFETY CURRICULUM



### SAFETY AND INSTRUCTIONAL EQUIPMENT LIST

#### 1. COURSE OVERVIEW

##### ABOUT THIS EQUIPMENT LIST

This list outlines safety and instructional equipment necessary for the entirety of Combustion Safety.

##### CLASS CAPACITY

Combustion Safety should have a classroom cap of 12 students. For classes larger than 6 students, a second instructor or teacher's assistant is strongly recommended.

##### SAFETY EQUIPMENT

| EQUIPMENT | DISTRIBUTION          |
|-----------|-----------------------|
| Goggles   | 1 per 1 student (1:1) |
| Gloves    | 1 set:1               |
| Mask      | 1:1 per site          |
| Booties   | 1:1 per site          |

##### INSTRUCTIONAL EQUIPMENT

| EQUIPMENT                       | DISTRIBUTION             |
|---------------------------------|--------------------------|
| Blower door fan, frame and tarp | 1 per 12 students (1:12) |
| Manometer                       | 1:1                      |
| Static Pressure Probe           | 1:1                      |
| Ambient CO Monitor              | 1:1                      |
| Clipboard                       | 1:1                      |
| Combustion Analyzer             | 1:1                      |
| EnergyWright ZPD House          | 1:12                     |
| Combustible Gas Detector        | 1:1                      |
| Stackolator (large)             | 1:12                     |
| Stackolator (small)             | 1:12                     |

|                                   |      |
|-----------------------------------|------|
| High-temp foil tape               | 1:12 |
| High-temp sealant (min 400deg F)  | 1:12 |
| Smoke Pencil or Inspection Mirror | 1:1  |
| Cordless Drill                    | 1:6  |
| Unibit                            | 1:6  |