



# High Risk School Inspection Checklist

## Science Room/Lab Teacher Helpful Checklist

### Documentation

- ☐ Chemical hygiene plan
- ☐ Safety data sheet (SDS)
- ☐ Chemical inventory

### Safety Equipment Needed

- ☐ First aid kit
  - + if activity may cause eye injury (check SDS sec. 8): ☐ Glasses/Goggles (Z87)
  - + if irritating/ corrosive material used: ☐ Handwashing sink ☐ Eye wash ☐ Safety shower\*
  - + if open flame/natural gas used: ☐ Fire blanket ☐ Fire extinguisher ☐ Gas emergency shut off
  - + if combustible metals stored/used (Mg., K, Na, Fe): ☐ Class D Fire Extinguisher OR 1 gal. bucket of dry sand
  - + If activity produces toxic/noxious gases, mist, or vapors: ☐ Ventilation hood
- ☐ Clearly labeled, accessible, and documented, testing is conducted annually.
- ☐ Showers and eyewash stations must be within 55 feet of where chemicals are used (\* if required by **section 4 of the SDS**). They must be directly plumbed and maintain a continuous flow (portable eyewash bottles are not allowed).
- ☐ Ventilation hoods are vented to the outside.
- ☐ Glasses and goggles must be Z87 and sanitized between users (a UV cabinet or a sanitizer solution is suitable).

### Chemicals Stored

- ☐ Locked in ventilated rooms, inaccessible to unsupervised children, no strong odors.
- ☐ Containers are stored upright, below eye level, and away from sinks/drains.
- ☐ Organized by reactive group.
- ☐ Quantities of flammables >10 gallons are stored in NFPA #30 flammables cabinet.
- ☐ Flammable items are not stored in a domestic refrigerator. The refrigerator must be rated to hold flammable material.

### Chemical Labeling

- ☐ Must have name, entry date, and original quantity on the chemical container.
- ☐ Secondary containers must have the chemical name, formula, concentration, and date of preparation/ disposal.
- ☐ Restricted chemicals are labeled as Restricted ("R").
- ☐ Restricted chemicals shelf-life guidelines: only 1 year (good/fair/poor) or 5 years (indefinite/excellent) with variance.
- ☐ Food items used for experiments are labeled "Not for Consumption".

### Specimen Storage

- ☐ Specimen containers must be labeled with the preservative used.
- ☐ Preserved specimens in liquid formalin must be labeled as Restricted ("R").
- ☐ Specimens preserved in formaldehyde must only be from a commercial supplier, labeled with the preservative used, and sealed in a container.

**Chemical Waste**

- ❑ Prohibited chemicals, not allowed in schools unless variance approved by CDPHE. Mark it as “waste” and prepare it for disposal.
- ❑ Containers damaged/leaking, expired, or not planned to be used should be considered waste.
- ❑ Store separated, by reactive group and label containers as “Waste” or “Not for Use”.
- ❑ Mark on the chemical inventory if the chemical is “waste for disposal” and dispose of it properly.

## Art Room Teacher Helpful Checklist

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### **\*Documentation: Chemicals, paints, etc., labeled with a cautionary label (CL) or if irritating or corrosive:**

- ☐ Chemical hygiene plan
- ☐ Safety data sheet (SDS)
- ☐ Chemical inventory

*\*Non-toxic paints/supplies labeled AP do not require documentation listed above.*

### **Safety Equipment Needed**

- ☐ First aid kit
  - + if activity may cause eye injury (check SDS sec. 8): ☐ Glasses/Goggles (Z87)
  - + if irritating/ corrosive material used: ☐ Handwashing sink ☐ Eye wash ☐ Safety shower\*
  - + if power equipment used: ☐ Electrical emergency shut off
  - + If activity produces irritating/hazardous fumes, dust, or smoke: ☐ Local exhaust ventilation
  - + If activity produces toxic/noxious gases, mist, or vapors: ☐ Ventilation hood
- ☐ Clearly labeled, accessible, and documented testing is performed annually.
- ☐ Showers/Eye wash stations are within 55 feet of where chemicals are used (\* if required by section 4 of SDS). Must be directly plumbed and maintain a continuous flow (portable eyewash bottles not allowed).
- ☐ Glasses and goggles must be Z87 and sanitized between users (a UV cabinet or a sanitizer solution is suitable).

### **Chemical Storage**

- ☐ Locked in ventilated rooms, inaccessible to unsupervised children, no strong odors.
- ☐ Containers are stored upright, below eye level, and away from sinks/ drains.
- ☐ Quantities of flammables >10 gallons stored in NFPA #30 flammables cabinet.

### **Chemical Labeling**

- ☐ The name, entry date, and original quantity must be on the container.
- ☐ Secondary containers must have the chemical name, formula, concentration, and date of preparation/ disposal.
- ☐ Restricted chemicals are labeled as Restricted ("R"). (Shelf-life guidelines are only 1 year (good/fair/poor) or 5 years (indefinite/excellent) with variance.)
- ☐ Food items used for experiments are labeled "Not for Consumption".

### **Spray Paints/Flocking Sprays/Flocking Powders**

- ☐ Used in a well-ventilated area with active ventilation (paint booth) or, if used rarely, outside.
- ☐ Eye wash stations are located <55 feet of where products are used.

### **Pottery/Kilns**

- ☐ Vented per manufacturer's instructions (recommend downdraft vent or a type II hood).
- ☐ Emergency shut-off switch provided and labeled.
- ☐ Students cannot mix powder glaze/clay. If mixed inside by a teacher, it must be wet-cleaned in a well-ventilated area. A fitted mask is recommended when mixing.

### **Chemical Waste**

- ☐ Prohibited chemicals, not allowed in schools unless variance approved by CDPHE. Mark as "waste" and prepare for disposal.
- ☐ Containers damaged/leaking, expired, or not planned to be used should be considered waste.
- ☐ Store separated, by reactive group and label containers as "Waste" or "Not for Use".
- ☐ Mark on the chemical inventory if the chemical is "waste for disposal" and dispose of it properly.

## Art/ Photography/ Robotics Helpful Checklist

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### **\*Documentation: Chemicals, paints, etc., labeled with a cautionary label (CL) or if irritating or corrosive:**

- ☐ Chemical hygiene plan
- ☐ Safety data sheet (SDS)
- ☐ Chemical inventory

*\*Non-toxic paints/supplies labeled AP do not require documentation listed above.*

### **Safety Equipment Needed**

- ☐ First aid kit
  - + if activity may cause eye injury (check SDS sec. 8): ☐ Glasses/Goggles (Z87)
  - + if irritating/ corrosive material used: ☐ Handwashing sink ☐ Eye wash ☐ Safety shower\*
  - + if power equipment used: ☐ Electrical emergency shut off
  - + If activity produces irritating/hazardous fumes, dust, or smoke: ☐ Local exhaust ventilation
  - + If activity produces toxic/noxious gases, mist, or vapors: ☐ Ventilation hood
- ☐ Clearly labeled, accessible, and documented testing is performed annually.
- ☐ Showers/Eye wash stations are within 55 feet of where chemicals are used (**\* if required by section 4 of SDS**). Must be directly plumbed and maintain a continuous flow (portable eyewash bottles not allowed).
- ☐ Glasses and goggles must be Z87 and sanitized between users (a UV cabinet or a sanitizer solution is suitable).

### **Chemical Storage**

- ☐ Locked in ventilated rooms, inaccessible to unsupervised children, no strong odors.
- ☐ Containers are stored upright, below eye level, and away from sinks/ drains.
- ☐ Quantities of flammables >10 gallons stored in NFPA #30 flammables cabinet.

### **Chemical Labeling**

- ☐ The name, entry date, and original quantity must be on the container.
- ☐ Secondary containers must have the chemical name, formula, concentration, and date of preparation/ disposal.
- ☐ Restricted chemicals are labeled as Restricted ("R"). (Shelf-life guidelines are only 1 year (good/fair/poor) or 5 years (indefinite/excellent) with variance).

### **Robotics/ Jewelry Making**

- ☐ If soldering inside, you must have local exhaust ventilation.
- ☐ Proper PPE (Z87 safety glasses/goggles) and clothing (long sleeves, closed-toed shoes, pants) are available and in good condition.

### **Glass Etching Creams**

- ☐ Check SDS sections 4 and 8. The products may require gloves, glasses, hand sinks, eyewash, and a safety shower.

### **Dark Room Photography**

- ☐ Check SDS sections 4 and 8. The product may require a hand sink, eye wash, safety shower, impervious gloves, goggles, and an apron.
- ☐ Waste disposal of silver components must be disposed of properly (check local sanitation district requirements)

### **Chemical Waste**

- ☐ Prohibited chemicals, not allowed in schools unless variance approved by CDPHE. Mark as "waste" and prepare for disposal.
- ☐ Containers damaged/leaking, expired, or not planned to be used should be considered waste.
- ☐ Store separated, by reactive group and label containers as "Waste" or "Not for Use".
- ☐ Mark on the chemical inventory if the chemical is "waste for disposal" and dispose of it properly.

## Wood Shop/Auditorium Teacher Helpful Checklist

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### **\*Documentation: Chemicals, paints, etc., labeled with a cautionary label (CL) or if irritating or corrosive:**

- ☐ Chemical hygiene plan
- ☐ Safety data sheet (SDS)
- ☐ Chemical inventory

*\*Non-toxic paints/supplies labeled AP do not require documentation listed above.*

### **Safety Equipment Needed**

- ☐ First aid kit
  - + if activity may cause eye injury (check SDS sec. 8): ☐ Glasses/Goggles (Z87)
  - + if irritating/ corrosive material used: ☐ Handwashing sink ☐ Eye wash ☐ Safety shower\*
  - + if power equipment used: ☐ Electrical emergency shut off
  - + If activity produces irritating/hazardous fumes, dust, or smoke: ☐ Local exhaust ventilation
  - + If activity produces toxic/noxious gases, mist, or vapors: ☐ Ventilation hood
- ☐ Labeled, accessible, and documented testing annually.
- ☐ Showers and eyewash stations must be within 55 feet of where chemicals are used (\* if required by section 4 of the SDS). They must be directly plumbed and maintain a continuous flow (portable eyewash bottles are not allowed).
- ☐ Glasses and goggles must be Z87 and sanitized between users (a UV cabinet or a sanitizer solution is suitable).
- ☐ Recommended ear protection is sanitized between users and stored clean.

### **Chemical Storage**

- ☐ Locked in ventilated rooms, inaccessible to unsupervised children, no strong odors.
- ☐ Containers are stored upright, below eye level, and away from sinks/ drains.
- ☐ Quantities of flammables >10 gallons stored in NFPA #30 flammables cabinet.

### **Spray Paints/Flocking Sprays/Flocking Powders**

- ☐ Used in a well-ventilated area with active ventilation (paint booth) or, if used rarely, outside.
- ☐ Eye wash stations are located <55 feet of where products are used.
- ☐ Check SDS sections 8, may require gloves, eye protection & recommend a face mask.

### **Wood shops/Set design**

- ☐ Area where equipment is used is adequately ventilated and dust creating equipment is vented with local exhaust or centralized dust collection system.
- ☐ No loose clothing or jewelry allowed while using equipment.
- ☐ Compressed gas, if used, must be secured to the wall or carts.

### **Chemical Waste**

- ☐ Prohibited chemicals, not allowed in schools unless variance approved by CDPHE. Mark as “waste” and prepare for disposal.
- ☐ Containers damaged/leaking, expired, or not planned to be used should be considered waste.
- ☐ Store separated, by reactive group and label containers as “Waste” or “Not for Use”.
- ☐ Mark on the chemical inventory if the chemical is “waste for disposal” and dispose of it properly.

## Auto/Welding Teacher Helpful Checklist

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### **Documentation:**

- ☐ Chemical hygiene plan
- ☐ Safety data sheet (SDS)
- ☐ Chemical inventory

### **Safety Equipment Needed**

- ☐ First aid kit
  - + if activity may cause eye injury (check SDS sec. 8): ☐ Glasses/Goggles (Z87)
  - + if irritating/ corrosive material used: ☐ Handwashing sink ☐ Eye wash ☐ Safety shower\*
  - + if open flame/natural gas used: ☐ Fire blanket ☐ Fire extinguisher ☐ Gas emergency shut off
  - + if power equipment used: ☐ Electrical emergency shut offs
  - + If activity produces irritating/hazardous fumes, dust, or smoke: ☐ Local exhaust ventilation
  - + If activity produces toxic or noxious gases, mist, or vapors: ☐ Ventilation hood

### **Safety Equipment**

- ☐ Labeled, accessible, and documented testing annually.
- ☐ Showers and eyewash stations must be within 55 feet of where chemicals are used (\* if required by section 4 of the SDS). They must be directly plumbed and maintain a continuous flow (portable eyewash bottles are not allowed).
- ☐ Glasses/Goggles are sanitized between users using a UV cabinet or sanitizer solution.
- ☐ Protective clothing and equipment are in good condition.
- ☐ Recommended ear protection is sanitized between users and stored clean.

### **Chemical Storage**

- ☐ Locked in ventilated rooms, inaccessible to unsupervised children, no strong odors.
- ☐ Containers stored upright, below eye level, away from sinks/ drains.
- ☐ Quantities of flammables >10 gallons stored in NFPA #30 flammables cabinet.

### **Chemical Labeling**

- ☐ The name, entry date, and original quantity must be on the container.
- ☐ Secondary containers must have the chemical name, formula, concentration, and date of preparation/ disposal.
- ☐ Restricted chemicals are labeled as Restricted ("R"). (Shelf-life guidelines are only 1 year (good/fair/poor) or 5 years (indefinite/excellent) with variance).

### **Auto Shop**

- ☐ Mechanic coveralls and long-sleeved shirts/pants are strongly recommended.
- ☐ Instructional area must be well ventilated.
- ☐ Compressed gas must be secured to the wall or carts.

### **Welding**

- ☐ Welding booths separated by a curtain or partition are designed to absorb harmful light from the welding torch.
- ☐ Compressed gas must be secured to the wall or carts.
- ☐ Protective clothing & welding helmets must be Z49 rated.

### **Chemical Waste:**

- ☐ Prohibited chemicals, not allowed in schools unless variance approved by CDPHE. Mark as "waste" and prepare for disposal.
- ☐ Containers damaged/leaking, expired, or not planned to be used should be considered waste.
- ☐ Store separated, by reactive group and label containers as "Waste" or "Not for Use".
- ☐ Mark on the chemical inventory if the chemical is "waste for disposal" and dispose of it properly.