

THE HAZARD REMEDiator



VOLUME XXI FEBRUARY 2015

Office of Safety and Risk Management

Cayuga-Onondaga BOCES
1879 W. Genesee Street Road
Auburn, NY 13021-9430
www.cayboces.org

Mark W. Snyder, CSP
Safety Coordinator

Linda M. Brown
Support Staff

Telephone: (315) 255-7683 Direct Dial
or (315) 253-0361, Ext. 5825

FAX (315) 255-7625

Email: msnyder@cayboces.org

In This Issue ...

- ☞ **OSHA COMPLIANCE: TIPS ON HOW TO SURVIVE THE OSHA INSPECTION**
- ☞ **FLOOD SAFETY AWARENESS WEEK ~ MARCH 15-21, 2015**
- ☞ **REMINDER: SAFE SCHOOLS IMPROVEMENT TEAM REGIONAL MEETING ~ MARCH 26, 2015**
- ☞ **NATIONAL POISON PREVENTION WEEK ~ MARCH 15-21, 2015**
- ☞ **KIDDE RECALLS FIRE EXTINGUISHERS DUE TO FAILURE TO DISCHARGE**
- ☞ **NOTICE OF NON-DISCRIMINATION**
- ☞ **MARCH HEALTH OBSERVANCES**

OSHA Compliance: Tips on How to Survive The OSHA Inspection

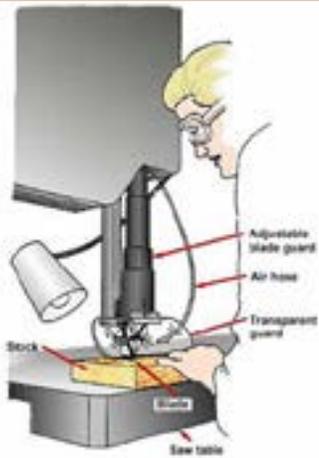
MACHINERY & MACHINE GUARDING

The typical OSHA/PESH inspection results in several citations related to machine guarding in the Technology and Maintenance areas. It is important to understand the OSHA Machine Guarding Standards (Subpart O). Section 212 is a general standard that apply to all machines not specifically mentioned in other sections. The other sections are specific standards that apply to particular types of machines; i.e. Section 213 applies only to woodworking machinery.

GENERAL REQUIREMENTS ALL MACHINES 29 CFR 1910.212

Machine Guarding - One or more methods of machine guarding shall be provided to protect employees in the machine area from hazards such as those created by point of operation, ingoing nip points, rotating parts, flying chips, and sparks. Guards shall be affixed to the machine where possible and secured elsewhere if not possible. A guard shall not offer an accident hazard in itself. The point of operation of machines whose operation exposes an employee to injury shall be guarded.

Revolving drums, barrels, and containers shall be guarded by an enclosure which is interlocked with the drive mechanism.



When the periphery of the blades of a fan is less than seven feet above the floor or working level, the blades shall be guarded with a guard having openings no larger than 1/2 inch.

Anchoring Fixed Machinery - Machines designed for a fixed location shall be securely anchored to prevent walking or moving.

GENERAL REQUIREMENTS FOR ALL MACHINES - 29 CFR 1910.213

Machine Construction -General - Each machine shall be so constructed as to be free from sensible (able to be felt) vibration when the largest size tool is mounted and run idle (no cutting load) at full speed.

Machine Controls & Equipment - A mechanical or electrical power control shall be provided on each machine to make it possible for operators to cut off the power from each machine without leaving their position at the point of operation.

On applications where injury to the operator might result if motors were to restart after power failures, provision shall be made to prevent machines from automatically restarting upon restoration of power.

Power controls and operating controls should be located within easy reach of the operators while they are at their regular work location, making it unnecessary for them to reach over the cutter to make adjustments. This does not apply to constant pressure controls used only for setup purposes.

Specific Machine Requirements - The remaining paragraphs of Section 213 contain guarding requirements for specific woodworking machines. A discussion of some of these requirements follows.

All woodworking machinery such as table saws, swing saws, radial saws, band saws, jointers, tenoning machines, boring and mortising machines, shapers, planers, lathes, sanders, veneer cutters, and other miscellaneous woodworking machinery shall be effectively guarded to protect the operator and other employees from hazards inherent to their operation.

Table Saws - Circular table saws shall have a hood over the portion of the saw above the table, so mounted that the hood will automatically adjust itself to the thickness of and remain in contact with the material being cut.

Circular table saws shall have a spreader aligned with the blade, spaced no more than one-half inch behind the largest blade mounted in the saw. The provision of a spreader in connection with grooving, dadoing, or rabbeting is not required. Circular saws used for ripping shall have non-kickback fingers or dogs.

Feed rolls and blades of self-feed circular saws shall be protected by a hood or guard to prevent the hand of the operator from coming into contact with the inrunning rolls at any point.



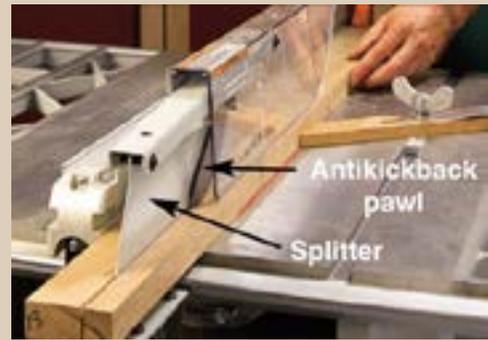
Swing or Sliding Cut-Off Saws

- All swing or sliding cut-off saws shall be provided with a hood that will completely enclose the upper half of the saw. Limit stops shall be provided to prevent swing or sliding type cut-off saws from extending beyond the front or back edges of the table.

Each swing or sliding cut-off saw shall be provided with an effective device to return the saw automatically to the back of the table when released at any point of its travel. Inverted sawing or swing cut-off saws shall be provided with a hood that will cover the part of the saw that protrudes above the top of the table or material being cut.

All woodworking machinery such as table saws, swing saws, radial saws, band saws, jointers, tenoning machines, boring and mortising machines, shapers, planers, lathes, sanders, veneer cutters, and other miscellaneous woodworking machinery shall be effectively guarded to protect the operator and other employees from hazards inherent to their operation.

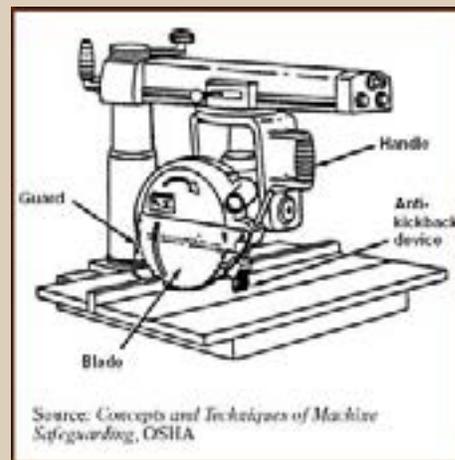
Radial Saws - The upper hood shall completely enclose the upper portion of the blade down to a point that will include the end of the saw arbor. The sides of the lower exposed portion of the blade shall be guarded to the full diameter of the blade by a device that will automatically adjust itself to the thickness of the stock and remain in contact with stock being cut. Radial saws used for ripping shall have non-kickback fingers or dogs.



An adjustable stop shall be provided to prevent the forward travel of the blade beyond the position necessary to complete the cut in repetitive operations.

Installation shall be in such a manner that the front end of the unit will be slightly higher than the rear, so as to cause the cutting head to return gently to the starting position when released by the operator.

Bandsaws and Band Resaws - All portions of the saw blade shall be enclosed or guarded, except for the working portion of the blade between the bottom



of the guide rolls and the table. Bandsaw wheels shall be fully encased. The outside periphery of the enclosure shall be solid. The front and back shall be either solid or wire mesh or perforated metal.

Jointers - Each hand-fed jointer with horizontal cutting head shall be equipped with an automatic guard which will cover all the section of the head on the working side of the fence or gage.

Miscellaneous Woodworking Machines - This paragraph states that the mention of specific machines in previous paragraphs "is not intended to exclude other woodworking machines from the requirement that suitable guards and exhaust hoods be provided to reduce to a minimum the hazard due to the point of operation of such machines."

FLOOD SAFETY AWARENESS WEEK

MARCH 15-21, 2015

Flooding is a coast to coast threat to the United States throughout the year. Ninety percent of all presidentially declared natural disasters involve flooding.

National Flood Safety Awareness Week is intended to highlight some of the many ways floods can occur, the hazards associated with floods, and what you can do to save life and property.

Turn Around Don't Drown™ is a NOAA National Weather Service campaign to warn people of the hazards of walking or driving a vehicle through flood waters. More than half of all flood related deaths are vehicle related, resulting from vehicles being swept downstream. Many of these casualties are preventable.

Follow these safety rules:

- Monitor the NOAA Weather Radio All Hazards, or your favorite news source for vital weather related information.
- If flooding occurs, get to higher ground. Get out of areas subject to flooding.
- Avoid areas already flooded, especially if the water is flowing fast. Do not attempt to cross flowing streams. Turn Around Don't Drown™
- Road beds may be washed out under flood waters. NEVER drive through flooded roadways. Turn Around Don't Drown™

Information courtesy of the NOAA, National Weather Service Office of Climate, Water, and Weather Services

Visit www.floodsafety.noaa.gov for more information.

REMINDER



- Safe Schools Improvement Team Regional Meeting
- Discussion of new Building Level Emergency Response Plan template
- Intended for School Superintendents and Business Officials or designees (two representatives per district).

March 26, 2015 • 1:00 PM – 3:00 PM
Ontario County Safety Training Facility
2914 County Road #48,
Canandaigua, NY 14424

If you have not attended a Regional Meeting, contact Linda Brown at lbrown@caybooces.org, or register directly at www.safeschools.ny.gov.

National Poison Prevention Week is March 15-21, 2015

Since 1962, the President of the United States has proclaimed the third week of March as National Poison Prevention Week to raise awareness about the dangers of poisonings and how to prevent them. In 2013, U.S. poison centers answered more than 3.1 million calls, including about 2.2 million calls about human exposures to poisons.

School administrators can participate in prevention by reminding those who work outside to wear protective clothing when using spray products, and by having your district's human resources department distribute information about poisons and how employees can protect themselves at work.

Have the Poison Help line number (1-800-222-1222), which connects you to your local poison control center, available by your phone in case of a poison emergency. For further information visit www.aapcc.org/prevention/nppw/ or <http://poisonhelp.hrsa.gov/what-can-you-do/national-poison-prevention-week/index.html>.

Kidde Recalls Fire Extinguishers Due to Failure to Discharge



The U.S. Consumer Product Safety Commission, in cooperation with the firm named, has announced a voluntary recall of the following product. Consumers should stop using this product unless otherwise instructed. It is illegal to resell or attempt to resell a recalled consumer product.

Name of product: Kidde plastic valve disposable fire extinguishers

Units: About 4.6 million units in the U.S. and 175,000 in Canada

Hazard: A faulty valve component can cause the disposable fire extinguishers not to fully discharge when the lever is repeatedly pressed and released during a fire emergency, posing a risk of injury.

Incidents/Injuries: Kidde has received 11 reports of the recalled fire extinguishers failing to discharge as expected. No injuries have been reported.

Description: This recall involves 31 models of Kidde disposable fire extinguishers with Zytel® black plastic valves. The recalled extinguishers are red, white or silver and are either ABC or BC rated. The ratings can be found to the right of the nameplate. Manufacture dates included in the recall are July 23, 2013 through October 15, 2014. A 10-digit date code is stamped on the side of the cylinder,

near the bottom. Digits five through nine represent the day and year of manufacture in DDDYY format. Date codes for recalled units manufactured in 2013 are XXXX 20413 X through XXXX 36513 X and 2014 are XXXX 00114 X through XXXX 28814 X. A nameplate affixed to the front of the fire extinguisher has one of the following model numbers:

10BC	FC5	KFH Twin
1A 10BC	FH/ RESSP	M110 Twin
1A 10BCW	FX10	M5 Twin
2A10BC	FX10BC	Mariner 10
5BC	FX10K	Mariner 110
5BCW	FX210	Mariner 5
FA10G	FX210R	Mariner 5 G
FA110	FX210W	RESSP
FA5B	FX340GW	XL 5MR
FC10	FX340SC	
FC110	FX5II	

Sold at: Home Depot, Menards, Walmart and other department, home and hardware stores nationwide, and online from August 2013 through November 2014 for between \$18 and \$65, and about \$200 for model XL 5MR.

Manufactured in: Mexico

Importer(s): Walter Kidde Portable Equipment Company Inc., of Mebane, North Carolina

Remedy: Consumers should immediately contact Kidde for a replacement fire extinguisher.

Consumer Contact: Kidde toll-free at (855) 283-7991 from 8 a.m. to 5 p.m. ET Monday through Friday, or online at www.kidde.com and click on Safety Notice for more information.



NOTICE OF NON-DISCRIMINATION

The Cayuga-Onondaga BOCES does not discriminate on the basis of an individual's actual or perceived race, color, religion, creed, ethnicity, national origin, citizenship status, age, marital status, partnership status, disability, predisposing genetic characteristics, sexual orientation, gender (sex), military status, veteran status, domestic violence victim status or political affiliation, and additionally does not discriminate against students on the basis of weight, gender identity, gender expression, and religious practices or any other basis prohibited by New York state and/or federal non-discrimination laws in employment or its programs and activities. The BOCES provides equal access to community and youth organizations.

Inquiries regarding the District's non-discrimination policies should be directed to:

Randy Ray
Director of Labor Relations and Civil Rights Compliance Officer
1879 West Genesee Street Road
Auburn, NY 13021
(315) 255-7683
rray@cayboces.org

March Health Observances



March 1 - 31

Workplace Eye Wellness Month

Prevent Blindness America
211 West Wacker Drive, Suite 1700
Chicago, IL 60606
(800) 331-2020
info@preventblindness.org
www.preventblindness.org

March 2 - 6

National School Breakfast Week

School Nutrition Association
120 Waterfront Street, Suite 300
National Harbor, MD 20745
(800) 877-8822
servicecenter@schoolnutrition.org
www.schoolnutrition.org/nsbw



The Hazard Remediator Staff

EDITOR:

MARK W. SNYDER

EDITORIAL ASSISTANT & DESKTOP

PUBLISHER:

LINDA M. BROWN

PUBLISHED BY THE
OFFICE OF SAFETY
AND RISK MANAGEMENT

CAYUGA-ONONDAGA BOCES
1879 W. GENESEE STREET ROAD
AUBURN, NY 13021-9430
TELEPHONE: (315) 255-7683 OR
(315) 253-0361
FAX: (315) 255-7625

*ALL RIGHTS RESERVED