

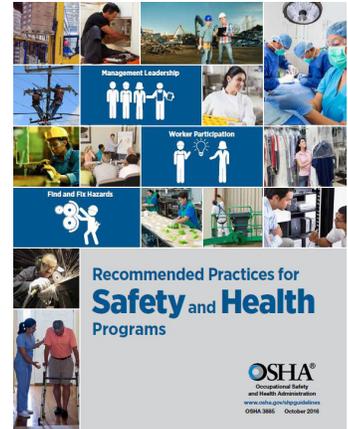
# Safety Update

## Ohio BWC Library

### Updated OSHA Safety Program Manual

The Occupational Safety and Health Administration (OSHA) released an update to the 1989 edition of [Recommended Practices for Safety and Health Programs](#). This is the first update to this 30-year-old document. The information in this program helps employers improve safety at their workplaces. There are seven core elements to the program.

- Management leadership
- Worker participation
- Hazard identification and assessment
- Hazard prevention and control
- Education and training
- Program evaluation and improvement
- Communication and coordination for host employers, contractors, and staffing agencies



The website for the new program has information on how to get started, resources for each of the core elements and case studies.

### NIOSH/CDC News

#### Nanotechnology Guidance and Publications

Nanotechnology is an emerging field. If you work with these near-atomic size particles there are steps you must take to protect your health. The National Institute for Occupational Safety and Health (NIOSH) has a [website](#) devoted to information on nanotechnology with documents containing information on this cutting-edge technology.

#### Staying Safe at Work for Workers with Disabilities

Do you have workers with disabilities? NIOSH and the Labor Occupational Health Program (LOHP) at the University of California, Berkeley have created a training program to teach them how to be safe on the job. It teaches basic occupational safety and health to those with disabilities. The program called [Staying Safe at Work: A Curriculum for Teaching Workers with Intellectual and Developmental Disabilities about Health and Safety on the Job](#) is fun and interactive and contains materials for all types of jobs.

#### Infographic of the Month

The Centers for Disease Control and Prevention (CDC) Business Pulse website brings us this infographic on [Motor Vehicle Safety at Work](#). The infographic has crash statistics, cost of accidents to employers, accident causes and where to find preventative information. The infographic comes from the [Behind the Wheel at Work](#) newsletter.

#### NIOSH Science Blog on Shift Work and Sleep

NIOSH recently published a paper in the peer-reviewed journal Occupational & Environmental Medicine on results from a national survey of U.S. workers regarding the role of shift work in sleep quality. The survey asked 6,338 adults, 18 years of age and older to respond to a survey about all aspects of sleep. This blog post includes a [summary of the questions and responses](#).

### OSHA Top 10 Cited Violations

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OSHA gave its preliminary list of the 10 most frequently cited safety and health violations for the 2016 fiscal year in this [post on the OSHA blog](#). OSHA compiled these statistics from around 32,000 workplace inspections by its staff. The top 10 are:

1. Fall protection;
2. Hazard communication;
3. Scaffolds;
4. Respiratory protection;
5. Lockout/tagout;
6. Powered industrial trucks;
7. Ladders;
8. Machine guarding;
9. Electrical wiring;
10. Electrical, general requirements.

### Comment on Pending OSHA Regulations

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There are comment periods for all pending federal regulations. The <https://www.regulations.gov/> website makes it easy to comment on any upcoming regulations. If you want to comment on any of the pending OSHA regulations, go to the Regulations.gov website, enter OSHA in the search box and filter by open comment period.

### Process Safety Metrics

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Learn more about how to evaluate and track the performance of your facility's process safety management program. [The Use of Metrics in Process Safety Management Facilities](#) provides employers with information on the two kinds of metrics tracked by facilities in the Voluntary Protection Program, lagging metrics and leading metrics.

### Fact Sheet: The Importance of Root Cause Analysis during Incident Investigation

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This [document produced by OSHA](#) and the Environmental Protection Agency (EPA) urges employers to conduct a root cause analysis after incidents or near misses at their facilities. The document outlines the process of root cause analysis describes tools you can use to create this investigation and additional resources. Conducting a root cause analysis can help prevent future accidents from occurring.

## Other News

### Purdue University Agricultural Confined Space Accidents

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The Purdue University's Agricultural Safety and Health Program reports statistics on confined spaces and grain entrapments in the U.S. The [website](#) has statistics from the previous six years in summary reports for each year. There is also a link to report an incident.

### Health Effects of 3-D Printing

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The BWC library staff wrote an article on [3-D printing in libraries for American Libraries Magazine](#). The information applies to all desktop style 3-D printers. If you use one of these machines in your home or office, we have information to help keep you safe.

### RF Radiation Awareness

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Do your employees work near cellular antennas and other radiofrequency (RF) generating devices? Workers who perform tasks on rooftops, sides of buildings, news gathering trucks and other structures near this equipment may be at risk of exposure to hazardous levels of RF radiation. The [Radiofrequency \(RF\) Radiation Awareness Program for the Construction Industry](#) provides resources to help you assess hazards and find regulations and guidance documents.

## **The Campbell Institute Research**

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National Safety Council, Robert W. Campbell Award winners and thought-leaders from high performing companies, launched the Campbell Institute. The Institute provides research articles on a variety of topics on its [Research webpage](#). Articles discuss workplace wellness, sustainability, leading indicators and contractor management. Read studies by thought-leaders in the environmental health and safety field!

## **NFPA 2015 Fire Loss Report**

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Each year the National Fire Protection Association (NFPA) releases [data about fire loss in the U.S.](#) The report covers civilian fire deaths and injuries and property loss. The report indicates a highly significant increase in fire responses and a slight increase in civilian deaths last year.

## **Five Causes of Home Fires**

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The [NFPA Today Blog](#) reports there are five primary causes of home structure fires: cooking equipment; heating equipment; electrical distribution or lighting equipment; intentional fires; and smoking materials. The lowest percent cause, smoking materials caused the highest percentage of deaths. The blog links to a report with more detail about home structure fires.

## **Year in U.S. Occupational Health & Safety 2016**

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[A yearbook of the key events, news stories and research in U.S. worker health and safety covering the period Fall 2015 through Summer 2016.](#) This booklet written by Celeste Monforton of the Milken Institute School of Public Health covers the OSHA rules on Silica Dust and Injury and Illness Records as well as other federal government information, state and local occupational health news, research on worker health and safety and what to expect on these topics in the year ahead.

## **Worker Protection Standard for Agricultural Pesticides Compliance Guidance**

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The EPA created a [guidance document](#) for owners and employers to assist them with compliance with new standards that went into effect in 2015. The guidance describes responsibilities of agricultural establishments, family-owned agricultural establishments, commercial pesticide handling establishments, pesticide handlers and crop advisors. It contains detailed information plus a quick reference guide to the new Worker Protection Standard.

**Please contact the [library@bwc.state.oh.us](mailto:library@bwc.state.oh.us) or 614-466-7388 for more information on any of these items.**