Division 2, General Industry

437-002-0161, Medical and First Aid

... Appendix A to 437-002-0161 – First aid kits (Nonmandatory)

First aid supplies are required to be readily available under paragraph 437-002-0161(2)(c). By not listing specific first aid kit contents, the rule allows for compliance flexibility by emphasizing performance-based requirements. Employers need to evaluate both the potential injuries as well as injuries that have occurred in the workplace and stock first aid items to treat those injuries.

As an example, but in no way a specific requirement, the minimal contents of a generic first aid kit is described in American National Standard (ANSI) Z308.1-1998 "Minimum Requirements for Workplace First-aid Kits." The contents of the kit listed in the ANSI standard should be adequate for small worksites. When larger operations or multiple operations are being conducted at the same location, employers should determine the need for additional first aid kits at the worksite, additional types of first aid equipment and supplies and additional quantities and types of supplies and equipment in the first aid kits.

In a similar fashion, employers who have unique or changing first-aid needs in their workplace may need to enhance their first-aid kits. The employer can use the OSHA 300 log, worker compensation 801 forms or other reports to identify unique problems. Some of the basic contents may include disinfect and wound cover or include special items for treating burns. Consultation from the local fire/rescue department, appropriate medical professional, or local emergency room may be helpful to employers in these circumstances. By assessing the specific needs of their workplace, employers can ensure that reasonably
anticipated supplies are available. Employers should assess the specific needs of their worksite periodically and augment the first aid kit appropriately.

Employers are required to provide appropriate personal protective equipment (PPE) in compliance with the provisions of the Occupational Exposure to Bloodborne Pathogens standard, 1910.1030(d)(3) for employees who are expected to render first aid and have exposure to blood or other potentially infectious materials while using first aid supplies. This standard lists appropriate PPE for this type of exposure, such as gloves, gowns, face shields, masks, and eye protection. PPE requirements outside of the bloodborne pathogens rule are regulated by 1910.132, Division 2, Subdivision I, Personal Protective Equipment.

1910.1001, Asbestos

(d) . . .

(7) Employee notification of monitoring results.
   (i) The employer shall **must**, within 15 working days after the receipt of the results of any monitoring performed under the standard, notify the affected employees of these results in writing either individually or by posting of results in an appropriate location that is accessible to affected employees.

437-002-0368 Deterioration.

(1) Periodic examination, **at least annually**, of all asbestos containing material should be performed to detect deterioration.
(2) Asbestos which has become damaged or deteriorated shall be repaired, enclosed, encapsulated, or removed in accordance with the provisions of 29 CFR 1926.1101 in OAR 437, Division 3, Construction.

1910.1003, 13 Carcinogens

(f) Reports. **Reserved.**
(1) Operations. The information required in paragraphs (f)(1)(i) through (iv) of this section shall be reported in writing to the nearest OSHA Area Director. Any changes in such information shall be similarly reported in writing within 15 calendar days of such change:
   (i) A brief description and in-plant location of the area(s) regulated and the address of each regulated area;
(ii) The name(s) and other identifying information as to the presence of a carcinogen addressed by this section in each regulated area;
(iii) The number of employees in each regulated area, during normal operations including maintenance activities; and
(iv) The manner in which carcinogens addressed by this section are present in each regulated area; for example, whether it is manufactured, processed, used, repackaged, released, stored, or otherwise handled.

(2) Incidents. Incidents that result in the release of a carcinogen addressed by this section into any area where employees may be potentially exposed shall be reported in accordance with this paragraph:
(i) A report of the occurrence of the incident and the facts obtainable at that time including a report on any medical treatment of affected employees shall be made within 24 hours to the nearest OSHA Area Director.
(ii) A written report shall be filed with the nearest OSHA Area Director within 15 calendar days thereafter and shall include:
(A) A specification of the amount of material released, the amount of time involved, and an explanation of the procedure used in determining this figure;
(B) A description of the area involved, and the extent of known and possible employee exposure and area contamination;
(C) A report of any medical treatment of affected employees, and any medical surveillance program implemented; and
(D) An analysis of the circumstances of the incident and measures taken or to be taken, with specific completion dates, to avoid further similar releases.

1910.1017, Vinyl Chloride

(d) Monitoring.

(2) . . .

(i) Shall Must be repeated at least monthly where quarterly for any employee is exposed, without regard to the use of respirators, in excess of the permissible exposure limit.
(ii) Shall Must be repeated not less than quarterly where every 6 months for any employee is exposed, without regard to the use of respirators, in excess of the action level.

... (f) Methods of compliance.

... (3) Written plans for such a program shall be developed and furnished upon request for examination and copying to authorized representatives of the Assistant Secretary and the Director. Such plans shall must be updated at least every six months annually.
(k) Medical surveillance.

... (2) Examinations must be provided in accordance with this paragraph shall be performed at least annually:

... (6) Laboratory analyses for all biological specimens included in medical examinations shall be performed by accredited laboratories licensed under 42 CFR Part 74.

(n) Reports Employee notification of monitoring results.

(1) Not later than 1 month after the establishment of a regulated area, the following information shall be reported to the OSHA Area Director. Any changes to such information shall be reported within 15 days.

(i) The address and location of each establishment which has one or more regulated areas; and
(ii) The number of employees in each regulated area during normal operations, including maintenance.

(2) Emergencies, and the facts obtainable at that time, shall be reported within 24 hours to the OSHA Area Director. Upon request of the Area Director, the employer shall submit additional information in writing relevant to the nature and extent of employee exposures and measures taken to prevent future emergencies of similar nature.

(3) Within 10 working days following any monitoring and measuring which discloses that any employee has been exposed, without regard to the use of respirators, in excess of the permissible exposure limit, each such employee shall be notified in writing of the results of the exposure measurement and the steps being taken to reduce the exposure to within the permissible exposure limit.

The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results and the steps being taken to reduce exposures within the permissible exposure limit either individually in writing or by posting the results in an appropriate location that is accessible to affected employees.

1910.1018, Inorganic arsenic

(d) Notification of use Reserved.

(1) By October 1, 1978 or within 60 days after the introduction of inorganic arsenic into the workplace, every employer who is required to establish a regulated area in his workplaces shall report in writing to the OSHA area office for each such workplace:

(i) The address of each such workplace;
(ii) The approximate number of employees who will be working in regulated areas; and
(iii) A brief summary of the operations creating the exposure and the actions which the employer intends to take to reduce exposures.
(2) Whenever there has been a significant change in the information required by paragraph (d)(1) of this section the employer shall report the changes in writing within 60 days to the OSHA area office.

...(e)...

(5) Employee notification.
(i) Within five (5) working days after the receipt of monitoring results, the employer shall notify each employee in writing of the results which represent that employee's exposures. The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to affected employees.

...(g) Compliance Program.

...(2)...

(iv) The plans required by this paragraph shall must be revised and updated at least every 6 months annually to reflect the current status of the program.

...(n) Medical surveillance.

...(2)...

(ii) (A) A 14" by 17" standard posterior-anterior chest X-ray and International Labor Office UICC/Cincinnati (ILO-U/C) rating;

...(3) Periodic examinations.
(i) The employer shall provide the examinations specified in paragraphs (n)(2)(i) and (n)(2)(ii) at least annually for covered employees who are under 45 years of age with fewer than 10 years of exposure over the action level without regard to respirator use.
Examinations must be provided in accordance with this paragraph at least annually.

(ii) The employer shall provide the examinations specified in paragraphs (n)(2)(i) and (n)(2)(ii)(B) and (C) of this section at least semiannually, and the x-ray requirement specified in paragraph (n)(2)(ii)(A) of this section at least annually, for other covered employees.

(iii) Whenever a covered employee has not taken the examinations specified in paragraphs (n)(2)(i) and (n)(2)(ii) of this section within six (6) months preceding the termination of employment, the employer shall provide such examinations to the employee upon termination of employment.

Appendix C – Medical Surveillance Guidelines

I. General

(2) A 14" by 17" posterior-anterior chest X-ray and an International Labor Office UICC/Cincinnati (ILO U/C) rating;

1910.1025, Lead

(d) Exposure monitoring.

(8) Employee notification.

(i) Within 5 working days after the receipt of monitoring results, the employer shall notify each employee in writing of the results which represent that employee’s exposure. The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to affected employees.

(e) Methods of compliance.

(3) Compliance program.
(iv) Written programs shall **must** be revised and updated at least every 6 months **annually** to reflect the current status of the program.

. . .

1910.1027, Cadmium

(d) Exposure monitoring.

. . .

(5) Employee Notification of Monitoring Results.
(i) Within 15 working days after the receipt of the results of any monitoring performed under this section, the employer shall notify each affected employee individually in writing of the results. In addition, within the same time period the employer shall post the results of the exposure monitoring in an appropriate location that is accessible to all affected employees. **The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.**

. . .

(l) Medical surveillance.

. . .

(10) Physician's written medical opinion.
(i) The employer shall promptly obtain a written, signed medical opinion from the examining physician for each medical examination performed on each employee. This written opinion shall contain:

. . .

1910.1028, Benzene

. . .
(e) Exposure monitoring.

(7) Employee notification of monitoring results.
(i) The employer shall **must**, within 15 working days after the receipt of the results of any monitoring performed under this standard **section**, notify each **affected** employee of these results in **writing** or by posting of the results in an appropriate location that is accessible to **affected** employees.

1910.1029, Coke oven emissions

(e) Exposure monitoring and measurement.

(3) Employee notification.
(i) The employer shall notify each employee in **writing** of the exposure measurements which represent that employee’s exposure within five working days after the receipt of the results of measurements required by paragraphs (e)(1) and (e)(2) of this section. **The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.**

(f)

(6) Compliance program.

(iv) Written plans for such programs shall be submitted, upon request, to the Secretary and the Director, and shall be available at the worksite for examination and copying by the Secretary, the Director, and the authorized employee representative. **The plans required under paragraph (f)(6) of this section shall be revised and updated at least every six months **annually** to reflect the current status of the program.**
(j) Medical surveillance.

(2) A 14" x 17" standard posterior-anterior chest x-ray and International Labour Office UICC/Cincinnati (ILO U/C) rating;

(3) Periodic examinations.

(ii) The employer shall must provide the examinations specified in paragraphs (j)(2)(i) through (viii) of this section at least semi-annually for employees 45 years of age or older or with five (5) or more years employment in the regulated area.

(iii) Whenever an employee who is 45 years of age or older or with five (5) or more years employment in a regulated area transfers or is transferred from employment in a regulated area, the employer shall must continue to provide the examinations specified in paragraphs (j)(2)(i) through (viii) of this section at least semi-annually, as long as that employee is employed by the same employer or a successor employer.

(iv) The employer shall provide the x-ray specified in paragraph (j)(2)(ii) of this section at least annually for employees covered under paragraph (j)(3) of this section.

(v) Whenever an employee has not taken the examinations specified in paragraphs (j)(3)(i) through (iii) of this section with the six (6) months preceding the termination of employment the employer shall provide such examinations to the employee upon termination of employment.

Appendix B – Industrial Hygiene and Medical Surveillance Guideline

II. Medical Surveillance Guidelines

A. General.

The minimum requirements for the medical examination for coke oven workers are given in paragraph (j) of the standard. The initial examination is to be provided to all coke oven workers who work at least 30 days in the regulated area. The examination includes a 14" X 17" posterior-anterior chest x-ray reading and a ILO/U/C rating to assure some standardization of x-ray reading, pulmonary function tests (FVC and FEV 1.0), weight, urinalysis, skin examination, and a urinary
cytologic examination. These tests are needed to serve as the baseline for comparing the employee's future test results. Periodic exams include all the elements of the initial exams, except that the urine cytologic test is to be performed only on those employees who are 45 years or older or who have worked for 5 or more years in the regulated area; periodic exams, with the exception of x-rays, are to be performed semi-annually for this group instead of annually; for this group, x-rays will continue to be given at least annually. The examination contents are minimum requirements; additional tests such as lateral and oblique x-rays or additional pulmonary function tests may be performed if deemed necessary.

1910.1043, Cotton dust

(d) Exposure monitoring and measurement.

... (4) Employee notification.

(i) Within twenty working days after the receipt of monitoring results, the employer shall notify each employee in writing of the exposure measurements which represent that employee’s exposure. The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.

1910.1044, 1,2-Dibromo-3-chloropropane

(d) Reserved. Notification of use. Within ten (10) days following the introduction of DBCP into the workplace, every employer who has a workplace where DBCP is present, shall report the following information to the nearest OSHA Area Office for each such workplace:

(1) The address and location of the workplace;
(2) A brief description of each process or operation which may result in employee exposure to DBCP;
(3) The number of employees engaged in each process or operation who may be exposed to DBCP and an estimate of the frequency and degree of exposure that occurs; and
(4) A brief description of the employer’s safety and health program as it relates to limitation of employee exposure to DBCP.

... 

(f) Exposure monitoring. 

... 

(3) Frequency. 

(i) If the monitoring required by this section reveals employee exposures to be at or below the permissible exposure limit, the employer shall repeat these measurements at least quarterly every 6 months. 

(ii) If the monitoring required by this section reveals employee exposures to be in excess of the permissible exposure limit, the employer shall repeat these measurements for each such employee at least monthly quarterly. The employer shall continue monthly quarterly monitoring until at least two consecutive measurements, taken at least seven (7) days apart, are at or below the permissible exposure limit. Thereafter the employer shall monitor at least quarterly every 6 months.

... 

(5) Employee notification. 

(i) Within five (5) working days after the receipt of monitoring results, the employer shall notify each employee in writing of the measurements which represent the employee’s exposure. The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.

... 

(g) Methods of compliance. 

... 

(2) Compliance program. 

... 

(ii) The written program shall include a detailed schedule for development and implementation of the engineering and work practice controls. These plans shall
be revised at least every six months **annually** to reflect the current status of the program.

...
(iii) If the monitoring required by this section reveals employee exposure to be in excess of the permissible exposure limits, the employer shall **must** repeat these determinations for each such employee at least monthly **quarterly**. The employer shall **must** continue these monthly **quarterly** measurements until at least two consecutive measurements, taken at least seven (7) days apart, are **at or** below the permissible exposure limits, and thereafter the employer shall monitor at least **quarterly** **every 6 months**.

(5) Employee notification.
(i) Within five (5) working days after the receipt of the results of monitoring required by this paragraph, the employer shall notify each employee in writing of the results which represent that employee’s exposure. **The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees**.

(g) Methods of compliance.

(2) Compliance program.

(v) The plans required by this paragraph **shall must** be revised and updated at least every six (6) months **annually** to reflect the current status of the program.

**437-002-0361 Oregon-Initiated Rule.**

(1) The requirements in these rules which pertain only to or are triggered by the excursion limit shall become effective 60 days after the adoption of these rules, except for the excursion limit provisions in 1910.1047(a)(2), (d), (f)(2), (g)(3), and (j), which shall become effective 142 days after adoption of these rules.

(2) Compliance with the requirements of this section which pertain only to or are triggered by the excursion limit shall be by 180 days (6 months) following the adoption of these rules, except for compliance with the excursion limit provisions of 1910.1047(a)(2), (d), (f)(2), (g)(3), and (j) of this section which shall be effective 210 days (7 months) after the adoption of these rules, and implementation of engineering controls specified for compliance with the excursion limit, which shall be 9 months after the adoption of these rules.
1910.1047, Ethylene oxide

... (d) Exposure monitoring. 

... 

(7) Employee notification of monitoring results.

(i) The employer shall **must**, within 15 working days after the receipt of the results of any monitoring performed under this standard section, notify the **each** affected employee of these results in writing either individually **in writing** or by posting of the results in an appropriate location that is accessible to affected employees.

... 

1910.1048, Formaldehyde

... (d) Exposure monitoring. 

... 

(6) Employee notification of monitoring results. Within 15 days of receiving the results of exposure monitoring conducted under this standard, the employer shall notify the affected employees of these results. Notification shall be in writing, either by distributing copies of the results to the employees or by posting the results. If the employee exposure is over either PEL, the employer shall develop and implement a written plan to reduce employee exposure to or below both PELs, and give written notice to employees. The written notice shall contain a description of the corrective action being taken by the employer to decrease exposure. **The employer must, within 15 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.** If employee exposure is above the PEL, affected employees shall be provided with a description of the corrective actions being taken by the employer to decrease exposure.

... 

1910.1051, 1,3-Butadiene
(d) Exposure monitoring.

(7) Employee notification of monitoring results.
(i) The employer shall **must**, within **15 business working** days after the receipt of the results of any monitoring performed under this section, notify the **each** affected employees of these results *in writing* or by posting *of the* results in an appropriate location that is accessible to **affected** employees.

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**Division 3, Construction**

1926.60, Methyleneedianilene

(e) Emergency situations.

(1) Written plan.

(iii) The plan shall specifically include provisions for alerting and evacuating affected employees as well as the applicable elements prescribed in 29 CFR 1910.38 and 29 CFR 1910.39, "Employee emergency plans and fire prevention plans."
*"Emergency action plans" and "Fire prevention plans," respectively.*


(f) Exposure monitoring.

(7) Employee notification of monitoring results.
(i) The employer shall **must**, **as soon as possible but no later than** within **15 working days** after the receipt of the results of any monitoring performed under this section, notify each **affected** employee of these results *in writing* or by posting *of the* results in an appropriate location that is accessible to **affected** employees.
1926.62, Lead

(d) Exposure assessment.

(8) Employee notification.
(i) Within 5 working days after completion of the exposure assessment the employer shall notify each employee in writing of the results which represent that employee’s exposure. The employer must, as soon as possible but no later than 5 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.

(e) Methods of compliance.

(2) Compliance program.

(v) Written programs shall must be revised and updated at least every 6 months annually to reflect the current status of the program.

1926.1101, Asbestos

(f) Exposure assessments and monitoring.

(5) Employee notification of monitoring results. The employer must, as soon as possible but no later than 5 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these
results either individually in writing or by posting the results in an appropriate location that is accessible to employees.

(i) The employer shall notify affected employees of the monitoring results that represent that employee’s exposure as soon as possible following receipt of monitoring results.

(ii) The employer shall notify affected employees of the results of monitoring representing the employee’s exposure in writing either individually or by posting at a centrally located place that is accessible to affected employees.

... 

(g) Methods of compliance.

...

(6) Alternative control methods for Class I work. Class I work may be performed using a control method which is not referenced in paragraph (g)(5) of this section, or which modifies a control method referenced in paragraph (g)(5) of this section, if the following provisions are complied with:

...

(iii) Before work which involves the removal of more than 25 linear or 10 square feet of thermal system insulation or surfacing material is begun using an alternative method which has been the subject of a paragraph (g)(6) of this section required evaluation and certification, the employer shall send a copy of such evaluation and certification to the national office of OSHA, Office of Technical Support, Room N3653, 200 Constitution Avenue, NW, Washington, DC 20210. The submission shall not constitute approval by OSHA.

1926.1127, Cadmium

...

(d) Exposure Monitoring.

...

(5) Employee notification of monitoring results.

(i) No later than five working days after the receipt of the results of any monitoring performed under this section, the employer shall notify each affected employee individually in writing of the results. In addition, within the same time period, the employer shall post the results of the exposure monitoring in an appropriate location that is accessible to all affected employees. The employer must, as soon as possible but no later than 5 working days after the receipt of the results of any
monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.

. . .

(1) Medical Surveillance.

. . .

(10) Physician's written medical opinion.

(i) The employer shall promptly obtain a written, signed medical opinion from the examining physician for each medical examination performed on each employee. This written opinion shall contain:

Division 5, Maritime

1915.1001, Asbestos

. . .

(f)

. . .

(5) Employee notification of monitoring results. The employer must, as soon as possible but no later than 5 working days after the receipt of the results of any monitoring performed under this section, notify each affected employee of these results either individually in writing or by posting the results in an appropriate location that is accessible to employees.

(i) The employer shall notify affected employees of the monitoring results that represent that employee's exposure as soon as possible following receipt of monitoring results.

(ii) The employer shall notify affected employees of the results of monitoring representing the employee's exposure in writing either individually or by posting at a centrally located place that is accessible to affected employees.

. . .

(g)(6)(iii) REMOVED.

Note: Oregon has not printed Division 5, Maritime for a number of years. Please refer to the Federal OSHA site.