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Standard Practice for Design and Use of Safety Alert System for Hazardous Work Locations in the Coatings and Lining Industry¹

This standard is issued under the fixed designation D 4257; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon (ε) indicates an editorial change since the last revision or reappraisal.

1. Scope

1.1 This practice covers a safety alert system² for hazardous work locations and materials for the coatings and lining application industry. This practice is designed for multi-employer work sites.

1.2 *Limitations*—This practice does not identify specific hazardous materials or work locations but provides a means for rating each.

1.3 *This standard may involve hazardous materials, operations, and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *OSHA Instructions:*

CPL 2.45, Interim Field Operations Manual, Chapter X, Section F

CPL—Multi-Employer Citation Policy, Dec. 23, 1981

3. Descriptions of Terms Specific to This Standard

3.1 *controlling employer*—the employer having the authority or the ability to correct or control a hazard.

3.2 *exposing employer*—any employer with employees exposed to a hazard.

4. Significance and Use

4.1 Multi-employer work sites present a significant problem in the communication of information regarding hazards, from one trade to another.

4.2 The Safety Alert Pictorial Chart (Fig. 1) of hazard identification is developed to notify employees in any given area of immediate hazards.

4.3 Proper use of the Safety Alert Pictorial Chart is intended to inform the employees of the controlling employer as well as the exposing employers.

4.4 This practice is designed to be a part of the total controlling employer's safety program, not a replacement. This practice, therefore, does not address ventilation, scaffolding, electrical requirements, etc. which should be covered in a corporate safety program.

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5. Notification and Posting of Safety Alert System

5.1 The controlling employer shall notify all exposing employers on the work site by furnishing the responsible individual within each organization with a copy of the wall poster.

5.2 The responsible individual from each organization shall display the wall poster where it is visible to all employees that may be exposed and instruct all supervisors, foremen, job stewards, and workmen on this safety alert system.

5.3 The controlling employer shall post and maintain the Safety Alert Pictorial Chart within his work location.

5.4 The controlling employer shall have available, for each material used at the site office, copies of Material Safety Data Sheets that comply with applicable OSHA regulations.

6. Safety Alert Chart

6.1 *General*—The Safety Alert Pictorial Chart is divided into four sections: Health (Blue), Flammability (Red), Reactivity (Yellow), and Personal Protection (White). Each section is divided into five levels of hazard: 0 Minimal, 1 Slight, 2 Moderate, 3 Serious, and 4 Severe.

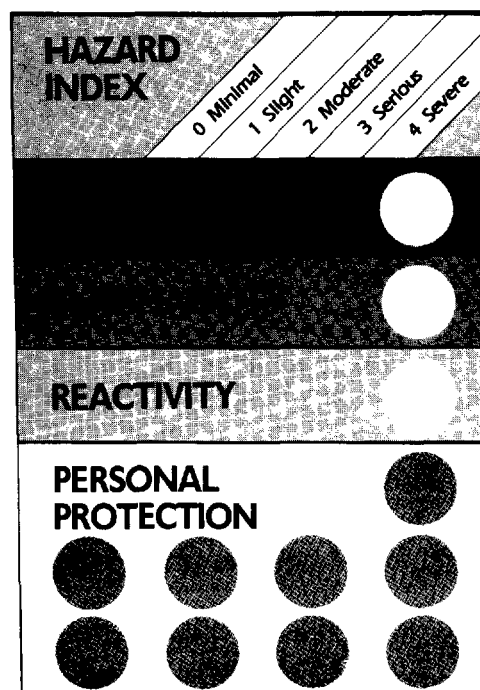


FIG. 1 Safety Alert Pictorial Chart

¹ This practice is under the jurisdiction of ASTM Committee D-33 on Protective Coating and Lining Work for Power Generation Facilities and is the direct responsibility of Subcommittee D33.07 on Application.

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² The ASTM Safety Alert System is comprised of wall posters (3), pictorial charts (20), and sheets of stickers (20). Available from ASTM Headquarters. Order PCN 12-442570-14. Replacements of the wall posters, pictorial charts, and stickers may be purchased separately.