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Gallant Builders (Gallant) has implemented this safety program for industrial hygiene that complies with Title 29 Code of Federal Regulations (CFR) §1910, Subpart(s) G, J, Z; §1926, Subpart(s) C, D, Z; §1926.51, (c) Table D-1; and ACGIH Standards as referenced and appropriate to the site.

I. PURPOSE

The purpose of this program is to ensure that risk of personal injury, environmental impact, and property damage are controlled for industrial hygiene-related issues.

II. APPLICABILITY

This program applies to all Hess work sites to ensure that those work sites shall be comfortable for all employees and maintained to the highest feasible level of quality.

III. DEFINITIONS

Qualified - means one who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated his/her ability to solve or resolve problems relating to the subject matter, the work, or the project.

IV. REQUIREMENTS

GENERAL

Periodic evaluations of every work site shall be made to determine the degree of risk arising from exposure to chemical, physical, or biological agents. The Safety Director or a designated competent person shall evaluate all work areas (e.g., Industrial Hygienist).

Noise levels shall be controlled where feasible, so as to create and sustain a productive work place for the type of work being conducted.

Supplementary and/or temporary fuel fired heaters shall not be used unless the Safety Director has reviewed the environmental conditions in the area of use.

Work environments involving extreme heat or cold shall be evaluated as necessary.

Buddy systems, acclimatization programs, reduced rate of production, cessation of highly hazardous tasks, increased number of breaks, additional fluid supplements, warming trailers, etc., shall be considered, as appropriate.

V. AIR CONTAMINANTS

Potential health hazards of air contaminants resulting from industrial operations shall be evaluated by the Safety Director or other designated competent person.

The Safety Director or other designated competent person shall determine what air contaminants should be evaluated further through the use of industrial hygiene monitoring.

Any initial or baseline monitoring shall consist of air monitoring in multiple locations within each worksite depending upon layout and repeated under varying conditions. Changes to the work environment and the continuing effectiveness of engineering controls shall be determined through follow-up monitoring.

Personal monitoring shall be utilized to the fullest extent possible. When the results of the air monitoring reveal air contaminants at concentrations equal to or greater than one-half the Permissible Exposure Limit (PEL), engineering controls shall be implemented where feasible to reduce the contaminant level.

Respiratory protection shall be worn in areas with air contaminant concentrations above the Threshold Limit Values (TLV) or the PEL when engineering controls and/or administrative controls do not resolve it first (reference Respiratory Protection Section of this manual).

Applicable engineering and/or administrative controls shall continue to be implemented during the use of respiratory protection.

Control devices on equipment shall be regularly inspected and tested. The Safety Director or designated competent person shall evaluate the control techniques and their effectiveness on controlling air contamination. Work site management shall immediately inform the Safety Director of any changes that may affect contaminant concentrations.

VI. ENSURING RELIABILITY OF TEST EQUIPMENT

All users of portable gas testing equipment shall be trained in proper use, care, inspection and calibration requirements, and limitations of the equipment.

Routine replacement of parts shall be performed in accordance with the manufacturer's written instructions by qualified personnel. All other repairs must be undertaken by the authorized service provider.

The Safety Director should be consulted prior to purchasing/renting a portable air monitor.

Monthly checks (as a minimum) shall be carried out by each test equipment holder. A record of these checks shall be maintained at the work site being tested.

Each test equipment holder shall:

- Have a calibration kit to verify meter calibration prior to each use and on a monthly basis, and calibration checks shall be documented
- Dispatch any instrument not operating properly (or out of calibration) for necessary repair

Each monthly inspection shall be performed to include the following:
Air Monitoring Equipment:

- Inspect the hoses for deterioration (where used)
- Calibrate using appropriate test gases

- Test battery

An external, independent calibration is necessary on a scheduled basis to ensure correct performance of the units. Preventative maintenance shall also be carried out at this time.

This external independent check shall take place on or before the expiration date. DO NOT USE AFTER (date), which is attached to the instrument. Instruments failing to recharge satisfactorily or calibrate through normal adjustments should be dispatched for repair.

Instruction manuals must be kept with each unit. These manuals should be used as a first reference in the event of any questions as to the instrument's performance.

VII. NOISE MONITORING

The Safety Director shall arrange noise monitoring in response to workplace assessments, employee complaints or regulatory requirement.