

Applied Radiological Control, Inc.

HEALTH AND SAFETY PROCEDURE

TITLE ALARA Policy

NUMBER 1.9

REVISION NUMBER 1

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APPLIED RADIOLOGICAL CONTROL, INC.

HEALTH & SAFETY PROCEDURE 1.9

ALARA POLICY

1.0 Purpose

- 1.1 This Procedure outlines Applied Radiological Control's commitment to maintaining worker exposure to ionizing radiation as low as reasonably achievable (ALARA).

2.0 Scope and Responsibilities

- 2.1 This Procedure applies to all Personnel assigned to sites where the potential exists for the exposure of workers to ionizing radiation.
- 2.2 All personnel are responsible for maintaining exposures ALARA.
- 2.3 The Health & Safety Supervisor is responsible for implementation of this policy and for coordination of ALARA committee activities.

3.0 Policy

- 3.1 Hazard assessment: prior to commencement of work on a site containing hazardous or radioactive materials, a hazard assessment will be performed to identify all potential hazards on the site. This assessment may consist of records review, interviews with former site workers and physically surveying the site. Information gained about radioactive materials present on site will be used to establish methods of maintaining worker exposures to ionizing radiation ALARA.

3.2 Posting of Survey Information

Information gained from the performance of radiation, contamination and airborne surveys on site will be made available to workers prior to entry. Low dose waiting areas shall be identified.

3.3 Radiation Work Permits

A radiation work permit will be required for all work performed in any radiation or high radiation area, any contaminated area and any airborne radioactivity area. The RWP shall identify the expected activity levels, protective equipment requirements, monitoring requirements and other pertinent information. Radiation work permits shall be approved by the Health and Safety Supervisor.

3.4 ALARA Committee

An ALARA Committee shall be designated at each site where radioactive materials may be presented. Membership of the committee may vary from site to site, but will typically consist of the Site Health & Safety Supervisor (chair), crafts representatives and a health physics technician representative. The ALARA committee will meet at least quarterly. The committee will be responsible for the review of external exposure data, airborne activity surveys, and personnel contamination events and for development of recommendations of ways to minimize personnel exposure.

3.5 Worker Training

Upon initial assignment to a site where radioactive materials may be present, workers will receive basic radiation worker training, training on site specific hazards and instruction on ways to maintain exposure ALARA. Methods by which exposure reduction suggestions can be made by workers will be presented. This training will be supplemented throughout the job with additional training as part of the ongoing safety meeting program and during pre-job briefings for higher exposure jobs.

3.6 Documentation

The Site Health and Safety Supervisor shall maintain records of the ALARA Committee meetings, including items discussed, recommendations and follow-up actions. Any exposure reduction suggestions made by the work force outside the ALARA Committee meetings shall also be retained, along with the disposition of the suggestion.