

## ENVIRONMENTAL, HEALTH & SAFETY OFFICE

**SUBJECT: Respiratory Protection Program (RPP)** 

## I. PURPOSE

The purpose of the procedure is to protect people from dangerous atmospheres, including harmful mists, smoke, vapors, and oxygen-deficient

## III. EXCEPTIONS

This procedure does not apply to contractors working working for SHSU that may be exposed to hazardous follow a written RPP.

## IV. DEFINITIONS

IDLH – Immediately Dangerous to Life or Heath

HEPA – High Efficiency Particulate Air filter

SCBA – Self Contained Breathing Apparatus

## V. RESPONSIBILITIES

## A. THE ENVIRONMENTAL, HEALTH & SAFE

The Environmental Health & Safety (EH&S) Coordinates implementation, and review of the RPP. The EH&S ensure successful implementation of RPP. The EH proper respirator and cartridge prior to use.

B. DEANS, DIRECTORS, DEPARTMENT HEADS

The Deans, Directors and Department Heads shall ens

#### C. SUPERVISORS

Supervisors, Project Managers, Shop Forepersons and ensuring the employees under their supervision follow

Procedure Name: Respiratory Protection Issue Date: May 2010

## D. EMPLOYEES

Employees are responsible for the proper use and maintenance of the respirator and cartridges. The employee shall report any problems associated with the RPP to their Supervisor or the EH&S Coordinator immediately.

## VI. REQUIREMENTS

# **Usage Requirements**

People who use respiratory protection must be physically capable of using and wearing the

Procedure Name: Respiratory Protection Page 2 of 5
Issue Date: May 2010 Revision Number:2

## **Selecting a Respirator**

When selecting a respirator, consider the following factors:

- x Type of hazards
- x Identity and concentration of the contaminant
- x Time constraints
- x Activity of the person wearing the respirator
- x Degree of protection provided by each type of respirator

Follow these guidelines for selecting the correct respirator:

x Use a HEPA filtered respirator:

If the contaminant is a biological hazard If the contaminant is a particulate, i.e. asbestos

- x Use a supply air respirator:
  - \* If the identity and/or concentration of the contaminant is not known
  - \* If an oxygen deficient atmosphere is known or suspected
  - \* If an IDLH condition exists
- x Use a SCBA instead of an airline respirator if an airline respirator could be damaged by work or conditions within the area.
- x Use an airline respirator instead of an SCBA if the work will require long periods inside the contaminated work area.

## IMPORTANT:

Respirators are available in different sizes. Always fit test a respirator to select the correct size.

## **Using Respirators Safely**

Follow these guidelines to ensure safe respirator usage:

x **Do Not** use a respirator unless you have:

been evaluated by a physician and determined fit to wear a respirator.

been formally trained to wear a respirator.

been fit tested for the respirator you plan to use.

- x Make sure you have the correct respirator for the job.
- x Inspect respirators before each use.
- x Shave facial hair and put in dentures (if applicable) to ensure a good seal with the facemask.
- x If you are working in a dangerous area, have another person present.
- x Remember that contaminants can harm the body as well as the respiratory tract; wear protective clothing as appropriate.

Procedure Name: Respiratory Protection Page 4 of 5
Issue Date: May 2010 Revision Number:2

- x Return to fresh air and remove the respirator if the following conditions occur:
  - \* You feel nauseous, dizzy, or ill.
  - \* You have difficulty breathing.
  - \* The canister, cartridge

Procedure Name: Respiratory Protection Page 5 of 5
Issue Date: May 2010 Revision Number:2