

**PARTICLE PHYSICS DIVISION OPERATING MANUAL  
REVIEW AND APPROVAL RECORD**

**ROLES, RESPONSIBILITIES AND AUTHORITIES OF ES&H PERSONNEL**

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Approved by [Signature] Date 4/6/2010  
PPD Head

## ROLES, RESPONSIBILITIES AND AUTHORITIES OF ES&H PERSONNEL

### INTRODUCTION

The following persons have responsibilities and/or authority to act on behalf of the Division Head, perform certain tasks, or approve documents in matters pertaining to environment, safety, and health (ES&H).

### DESCRIPTION

**Emergency Wardens (EW's)** - appointed by the Division Head via the Department Head responsible for the specific area. The current list for the Particle Physics Division is maintained by the PPD ES&H Group.

Emergency Wardens: Contact PPD ES&H Group

**Environmental Protection Officer (EPO)** - appointed by the Division Head [ref FESHM Sections 1030 and 8010] to assist in the implementation of the Fermilab Environmental Protection Program.

Environmental Protection Officer: Angela Sands

**Industrial Hygienist (IH)** – appointed by the Division Head with the concurrence of the PPD Senior Safety Officer (SSO). They are responsible for implementation of the Fermilab Industrial Hygiene-related programs (see FESHM 5001). They will ensure employees/users/visitors are not overexposed to physical, chemical or biological agents.

Industrial Hygienist: Rob Bushek

**Occupational Safety Officers (OSO's)** - appointed by the Division Head with the concurrence of the PPD Senior Safety Officer (SSO). They are responsible for directing the development and implementation of a suitable safety program for all hazards other than ionizing radiation. They report directly to the SSO and are authorized to stop any work involving a serious breach of safety until the SSO or Division Head can be notified. They are expected to interact directly with Group Leaders and Department Heads in solving occupational safety and health problems within the division.

Occupational Safety Officers: Rob Bushek  
Jose DeLaO  
Nathan Duff  
Eric McHugh  
Angela Sands

**Radiation Safety Officer (RSO)** - appointed by the Division Head [ref FRCM Article 131] with the concurrence of the Senior Laboratory Safety Officer. Specific responsibilities and authorities are described in Article 131 of the Fermilab Radiological Control Manual. The Division Head recognizes and supports the RSO's responsibility to notify the Senior Laboratory Safety Officer

and the Director of any imminent ES&H peril as well as serious concerns regarding the radiological control program.

Radiation Safety Officer: Nathan Duff

**Radiological Control Technician (RCT)** - appointed by the Division Head [ref FRCM Article 131] with the concurrence of the PPD Radiation Safety Officer. Specific responsibilities and authorities are described in Article 131 of the Fermilab Radiological Control Manual.

Radiological Control Technician: Jose DeLaO

**Senior Safety Officer (SSO)** - appointed by the Division Head [ref FESHM 1030] with the concurrence of the Senior Laboratory Safety Officer. The Division Head recognizes and supports the SSO's responsibility to notify the Senior Laboratory Safety Officer and the Director of any imminent ES&H peril, or concerns with the administration of the ES&H program.

Senior Safety Officer: Eric McHugh

**Waste Coordinators (WC's)** - appointed by the Division Head with the concurrence of the PPD Senior Safety Officer. They are responsible for training waste generators in proper hazardous and radioactive waste management practices and techniques.

Waste Coordinators (Hazardous Materials): Jose DeLaO  
Angela Sands

Waste Coordinator (Radioactive Materials): Jose DeLaO

