**Regional Core National Approach to Response**

 **(NAR) Emergency Response Evaluation, FY 2013**

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| Element #5 – Health and Safety  |
| Purpose: To evaluate progress on the development and implementation of health and safety protocols.  |

| **Criterion** | **Source** | **Response** | **Evaluator Comments** | **Rating** |
| --- | --- | --- | --- | --- |
| 1. Region follows Level A, B and C Readiness procedures:
* All OSCs are medically qualified to wear Level A, B, C personal protective equipment (PPE); and
* All OSCs and/or designated special team members are adequately trained to wear Level A, B, C equipment and participate in at least 2 exercises per year: one wearing full Level A equipment and one wearing Level B or Level C.
* A list is maintained of all EPA “Level A ready” personnel.
* Provide list of Level A ready personnel.
 | *Emergency Responder Health and Safety Manual* |  |  | 0 1 2 3 |
| 1. Region has developed a customized *Emergency Responder Health and Safety Manual* that includes customized versions of the manual’s finalized chapters and its Field Guide.
* Region has posted the customized chapters and Field Guide to its organization-specific webpage (see http://www.epaosc.net/\_HealthSafetyManual/specific.htm), and reviewed/updated them within the past fiscal year.
 | *Emergency Responder Health and Safety Manual* |  |  | 0 1 2 3 |
| 1. OSCs have completed appropriate initial and annual health and safety training and have the training documented:
* Initial and annual refresher training meeting the requirements of 29 CFR 1910.120;
* Medical surveillance awareness training;
* Initial respirator training and annual refresher training;
* Initial and periodic refresher training on fatigue, heat stress, cold stress, vibration, overexertion injuries and altitude;
* Initial and annual refresher training on noise and hearing conservation;
* Radiation Safety Training:
	+ Initial and biennial training covering basic radiation safety training with 80% or higher on the proficiency exam;
	+ Advanced radiation safety course that satisfies the training elements specified in SHEM Guideline 38;
	+ Thermoluminescent dosimetry (TLD) badge training;
	+ Proper use of radiation-detection equipment;
* Initial and annual bloodborne pathogen exposure control training;
* Initial and annual confined space training, based on confined space activities;
* Initial and annual PPE training;
* Initial and biannual injury, illness and exposure reporting training; and
* Chemical and biological agent training.
* Provide training documentation.
 | *Emergency Responder Health and Safety Manual* |  |  | 0 1 2 3 |
| 1. Responders who have not completed required initial and annual training or received medical clearance are prevented from participating in field activities.
 | *Emergency Responder Health and Safety Manual* |  |  | 0 1 2 3 |
| 1. Region follows the following criteria, as outlined in the *Emergency Responder Health and Safety Manual, Introduction Chapter:*
* Region ensures that site-specific Health and Safety Plans (HASPs) are developed for all removal sites in accordance with 29 CFR 1910.120 and compliant with paragraph (b)(4); and
* Region performs field audits each year on at least 10 percent of sites that involve two or more weeks of field activity and ensures that the following occurs during these audits:
* Review HASP;
* Document deficiencies; and
* Implement and document actions to address deficiencies.
* Provide audit documentation.
 | *Emergency Responder Health and Safety Manual, Introduction* |  |  | 0 1 2 3 |
| 1. Region follows the following criteria, as outlined in the *Emergency Responder Health and Safety Manual, Medical Surveillance Program Chapter*:
* Responders participate in the medical surveillance program, and medical clearance statements are retained by the SHEMP Manager (or another designated person) and distributed to supervisors and employees;
* Recommended vaccines are readily available to emergency responders, and Region tracks immunization status; and
* Region (if applicable) has established procedures for storing, maintaining, using, and providing medical follow up for nerve agent antidote kits.
 | *Emergency Responder Health and Safety Manual, Medical Surveillance Program* |  |  | 0 1 2 3 |
| 1. Region follows the following criteria, as outlined in the *Emergency Responder Health and Safety Manual, Respiratory Protection Program Chapter:*
* Initial/annual fit testing for all tight-fitting respirators is performed for all emergency responders, and fit test records are maintained;
* SCBAs/respirators are inspected monthly and inspection results are documented on a Monthly Respirator Inspection Checklist. In addition, checklists are submitted on a quarterly basis to the Health and Safety Program Contact (or another designated person), who maintains a log documenting inspections;
* Positive pressure breathing apparatus (SCBA and SAR) are flow tested at least biennially with the appropriate Posicheck Testing System;
* SCBA air bottles are hydrostatically tested every five years;
* Breathing air compressors are maintained following the manufacturer’s recommended schedule and tested quarterly to assure that Grade D breathing air standards are met; and
* Site-specific respirator protection plans (RPPs) are developed or sufficient information about respiratory protection is incorporated into the HASP to fulfill the requirements of 29 CFR 1910.134.
* Provide documentation.
 | *Emergency Responder Health and Safety Manual, Respiratory Protection Program* |  |  | 0 1 2 3 |
| 1. Region follows the following criteria, as outlined in the *Emergency Responder Health and Safety Manual, Physical Stress Management Chapter:*
* Region ensures that onsite medical monitoring (e.g., blood pressure and heart rate measurements) is performed by a healthcare professional whenever high air temperatures, high humidity, personal protective equipment, strenuous physical activities or a combination of these factors increase the potential for a heat-related injury *(Note: Regardless of environmental conditions, onsite medical monitoring must always be performed whenever employees don Level A PPE. Such monitoring will also frequently be warranted [depending on site conditions] when employees wear Level B PPE); and*
* Region has procedures and equipment to appropriately determine and enforce work/rest, fluid intake and crew rotation schedules at emergency response and removal sites.
* Provide documentation.
 | *Emergency Responder Health and Safety Manual, Physical Stress Management* |  |  | 0 1 2 3 |
| 1. Region follows the following criteria, as outlined in the *Emergency Responder Health and Safety Manual, Radiation Safety Program Chapter:*
* A list of personnel enrolled in the radiation dosimetry program (TLD Badge Program) is maintained and tracked by either the Regional RSO, SHEMP Manager or other designated person;
* A log is maintained documenting distribution/assignments of self-reading dosimeters (SRDs);
* Quarterly dosimetry reports are maintained and provided to personnel in the TLD program;
* Annual occupational exposure records are distributed to emergency responders;
* Leak tests are performed semi-annually on all equipment that contains radioactive sources and leak test records are adequately maintained; and
* Maintenance activities and wipe sampling is performed in accordance with license requirements and copies of the wipe sample records are located with the instrument.
* Provide documentation.
 | *Emergency Responder Health and Safety Manual, Radiation Safety Program* |  |  | 0 1 2 3 |
| 1. Region follows the following criteria, as outlined in the *Emergency Responder Health and Safety Manual, PPE Program Chapter:*
* Region has developed a comprehensive PPE inspection and maintenance program, including a procedure to pressure test all Level A suits annually to meet the requirements of 29 CFR 1910.120 Appendix A;
* Appropriate kinds and types of PPE ensembles are maintained or available to assure that responders, including out-posted individuals, can respond to all expected emergencies;
* Site-specific procedures are addressed for donning and doffing different types of PPE, including Level A and B ensembles; and
* Site-specific personnel decontamination procedures are developed and implemented in the field.
* Provide documentation.
 | *Emergency Responder Health and Safety Manual, PPE Program* |  |  | 0 1 2 3 |
| 1. Region follows the following criterion, as outlined in the *Emergency Responder Health and Safety Manual, Confined Space Program Chapter:*
* An adequate supply of the required specialized confined space equipment is available and maintained for ready access to support permit-required confined space (PRCS) operations (if applicable).
 | *Emergency Responder Health and Safety Manual, Confined Space Program* |  |  | 0 1 2 3 |
| 1. Region follows the following criterion, as outlined in the *Emergency Responder Health and Safety Manual, Injury, Illness and Exposure Reporting Program Chapter:*
* Emergency responders report all work-related injuries, illnesses, and significant exposures to their supervisors;
* Employees and their supervisors work together to complete OSHA & EPA 301 Injury, Illness and Near Miss Reports for near miss incidents in the field; and
* Incidents involving injuries, illnesses, significant exposures, near misses, motor vehicles and property damage are investigated to determine root causes and develop corrective actions.
* Provide documentation.
 | *Emergency Responder Health and Safety Manual, Injury, Illness and Exposure Reporting Program* |  |  | 0 1 2 3 |