

NIEHS Worker Training Program

Hazardous Materials Worker Health and Safety Training (RFA-ES-24-001)

Hazmat Training at DOE Nuclear Weapons Complex (RFA-ES-24-002)

Examples of curriculum description and training plan tables for RFA-ES-24-001 and examples of DOE Sites, Collaborators, and Worker Populations tables for RFA-ES-24-002.

The table formats used below are guides to presenting the requested information.

Illustration 1: Description of Curricula. Applicants should describe key curricula courses in outline form. The description of each curriculum must not exceed two pages in length and should include the following: Course Title, short description of course, training provider, languages, delivery method, course hours, intended audience, learning objectives, and course outline. Do not include copies of the actual curricula. The descriptions should be provided as a pdf file titled "Description of Curricula" under the "SF424 (R&R) Research & Related Other Project Information" under "Other Attachments".

For the Hazardous Materials Worker Health and Safety Training (RFA-ES-24-001) application, curricula descriptions should be uploaded in the Overall section.

| | |
|---------------------------------|--|
| Course Title | Emergency Response Refresher |
| Course short description | Annual refresher designed for members of emergency response teams in industrial settings. |
| Training Provider | Primary Applicant Organization |
| Languages | English, Spanish |
| Delivery Method | Classroom-based |
| Course Hours | 8 |
| Intended Audience | Industrial workers who have completed a 24-hour emergency response basic operations course. |
| Learning Objectives | At the end of the course, students should be able to: <ul style="list-style-type: none">• List changes to regulations and emerging hazards that affect their emergency response job responsibilities.• Describe the physical and chemical hazards involved in an emergency response to a HazMat incident, and the most common routes of exposure.• Describe lessons learned from a HazMat emergency incident tabletop exercise.• Identify an action to improve readiness for emergencies at their worksite. |
| Course Outline | [Insert course outline here] |

Illustration 2: Tables of Year One Training Plan. To assist the reviewers in understanding the detailed training plans in the first year of the proposed program, tables should be provided that clearly describe the projected total year one training and the courses to be delivered under the grant, delineated by the primary applicant organization and by consortium members or subgrantees, as applicable. Two types of tables should be included: Type A - Year One Total Project Training, that provides a summary across the consortium; and Type B - Year One Projected Courses, to include a table for the primary applicant organization and each consortium member/subgrantee, as applicable, with columns for curriculum, number of courses, number of trainees per course, contact hours per course, and total number of contact hours. The tables should be loaded as a pdf file titled "Tables of Year One Training Plan" under the "SF424 (R&R) Research & Related Other Project Information" under "Other Attachments".

For the Hazardous Materials Worker Health and Safety Training (RFA-ES-24-001) application, all tables should be uploaded under Overall with component tables labeled clearly.

Table Type A. Year One Total Projected Training

The table should list totals for the primary organization and each consortium member/subgrantee, as applicable.

| | Courses | Students | Training Contact Hours |
|----------------------|----------------|-----------------|-------------------------------|
| Primary Organization | 50 | 761 | 16,508 |
| Consortium Member 1 | 25 | 495 | 7,170 |
| Consortium Member 2 | 20 | 227 | 5,416 |
| Consortium Member 3 | 13 | 195 | 5,970 |
| Consortium Member 4 | 18 | 265 | 4,130 |
| Totals: | 126 | 1,943 | 39,194 |

Table Type B. Year One Projected Courses

A table should be provided for the primary applicant organization and each consortium member/subgrantee, as applicable.

| Training Organization: | Primary Organization | | | |
|-------------------------------|--------------------------|--------------------------------------|---------------------------------|--------------------------------------|
| Curriculum | Number of Courses | Number of Trainees per Course | Contact hours per Course | Total Number of Contact hours |
| Site Worker | 1 | 10 | 40 | 400 |
| Site Worker Refresher | 16 | 224 | 8 | 1792 |
| HAZWOPER Awareness | 24 | 156 | 3 | 468 |
| Confined Space Rescue | 2 | 14 | 40 | 560 |
| Industrial Emergency Response | 1 | 11 | 24 | 264 |
| Emergency Response Refresher | 3 | 19 | 8 | 152 |
| Incident Command | 6 | 47 | 16 | 752 |
| TOTAL | 53 | 481 | 139 | 4,388 |

Illustration 3: Tables of DOE Sites, Collaborators, and Worker Populations (RFA-ES-24-002 only). To assist reviewers in understanding how the applicant will interact with the DOE sites across the complex, tables should be provided that describe the sites where training programs will most often take place and the partners, collaborators, and worker populations involved in the training programs. Two tables should be included: Table A - DOE Sites, Collaborators, and Worker Populations, that provides a summary of which training organizations will provide training at which DOE sites; and Table B - DOE Site Partners, Collaborators, and Worker Populations that describes the partners or collaborators and the worker populations involved in each DOE site where training will most often occur. For applicants who plan to bring workers in to regional training centers for training programs or who train workers from many sites across the DOE nuclear complex, focus the tables on the sites from which the consortium trains the most workers. The tables should be loaded as a pdf file titled "Tables of DOE Sites" under the "SF424 (R&R) Research & Related Other Project Information" under "Other Attachments".

Table A. DOE Sites, Collaborators, and Worker Populations

| Training Organization | DOE Sites |
|------------------------------|---|
| International Union 1 | Hanford, Oak Ridge and Los Alamos National Laboratory |
| International Union 2 | Hanford, Portsmouth Gaseous Diffusion Plant |
| Local Organization 1 | West Valley Demonstration Project |

Table B: DOE Site Partners, Collaborators, and Worker Populations

| DOE Site | Partner or Collaborators | Worker Populations |
|-----------------|--|---|
| Hanford Site | HAMMER Training Center, Local 332 ABC Union, Nez Pearce Tribe, and Contractor DEF health & safety staff | Heavy Equipment Operators, Plumbers & Pipefitters |
| Savannah River | Site contractor health & safety staff, Local 17 XYZ Union, Lower Savannah Council of Governments, County Community College | First responders |

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