

1
2
3
4

**RENEWAL APPLICATION
APPENDIX H1**

RCRA HAZARDOUS WASTE MANAGEMENT JOB TITLES AND DESCRIPTIONS

**RENEWAL APPLICATION
APPENDIX H1**

RCRA HAZARDOUS WASTE MANAGEMENT JOB TITLES AND DESCRIPTIONS

TABLE OF CONTENTS

7	Job Titles.....	H1-1
8	Job Descriptions.....	H1-3
9	Hazardous Waste Worker	H1-3
10	TRU Mixed Waste Handlers.....	H1-4
11	Underground Hazardous Waste Worker	H1-6
12	Site-Generated Waste Handlers	H1-7
13	Transportation Engineer.....	H1-8
14	WWIS Data Administrator	H1-9
15	Manager, Waste Handling	H1-10
16	Manager, Transportation Operations	H1-11
17	Radiological Control Technician.....	H1-12
18	Manager, Radiation Control.....	H1-14
19	Technical Trainer	H1-15
20	Manager, Technical Training.....	H1-16
21	Emergency Services Technician	H1-17
22	Quality Assurance Technician	H1-18
23	Team Leader, Inspection Services	H1-19
24	Facility Inspection, Repair, and Service Team (FIRST) Leader	H1-20
25	Facility Inspection, Repair, and Service Team (FIRST)	H1-21
26	Sampling Team Member.....	H1-22
27	Sampling Team Assistant	H1-23
28	Manager, Environmental Compliance	H1-24
29	Facility Shift Engineer	H1-25
30	Facility Shift Manager	H1-26
31	Central Monitoring Room Operator.....	H1-27
32	Waste Hoist Operator.....	H1-28
33	Waste Hoist Shaft Tender	H1-29
34	Waste Hoisting Manager.....	H1-30
35	Chief Office Warden.....	H1-31
36	Assistant Chief Office Warden	H1-32
37	Mine Rescue Team Member.....	H1-33
38	First Line Initial Response Team member.....	H1-34
39	Emergency Response Team.....	H1-35
40	Fire Brigade	
41	H1-36
42	Fire Protection Technician.....	H1-37
43	Radiographer <u>Confirmation Radiography Operator</u> Level 1 (<u>Confirmation</u>	
44	Radiography Independent Technical Reviewer	H1-38

1	Radiographer <u>Confirmation Radiography Operator</u> Level 2 (<u>Confirmation</u>)	
2	Radiography Independent Technical Reviewer	H1-39
3	<u>Confirmation</u> Visual Examination Operator/Expert Level 1 (<u>Confirmation</u>)	
4	VE Independent Technical Reviewer)	H1-40
5	<u>Confirmation</u> Visual Examination Operator/Expert Level 2 (<u>Confirmation</u>)	
6	VE Independent Technical Reviewer)	H1-41
7	Permittees' Management Representative	H1-42
8		

1
2
3
4
5

**RENEWAL APPLICATION
 APPENDIX H1**

RCRA HAZARDOUS WASTE MANAGEMENT JOB TITLES AND DESCRIPTIONS

RCRA Hazardous Management Job Titles	
Hazardous Waste Worker TRU Mixed Waste Handlers Underground Hazardous Waste Worker Site-Generated Waste Handlers Transportation Engineer WWIS Data Administrator Manager, Waste Handling Manager, Shipping Coordination	
Radiological Control Technician Manager, Radiation Control	
Technical Trainer Manager, Technical Training	
Emergency Services Technician	
Quality Assurance Technician Team Leader, Inspection Services Facility Inspection, Repair, and Service Team (FIRST) Leader Facility Inspection, Repair, and Service Team (FIRST)	
Sampling Team Member Sampling Team Assistant Manager, Environmental Compliance	
Facility Shift Engineer Facility Shift Manager Central Monitoring Room Operator	
Waste Hoist Operator Waste Hoist Shaft Tender Waste Hoisting Manager	
Chief Office Warden Assistant Chief Office Warden	
Mine Rescue Team Member First Line Initial Response Team member Emergency Response Team Fire Brigade Fire Protection Technician	
Confirmation Radiography Operator Radiographer (Confirmation Radiography Independent Technical Reviewer) Confirmation Visual Examination Operator/Expert (Confirmation VE Independent Technical Reviewer) Permittees' Management Representative	

1

(This page intentionally blank)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Hazardous Waste Worker
5

6 **Duties:**
7

- 8 – Performs hazardous waste operations in accordance with **Waste Isolation Pilot**
9 **Plant (WIPP)** procedures

10 **Requisite Skills, Experience and Education:**
11

12 Academic or vocational high school diploma or equivalent.
13

14 **Training (Type/Amount):**
15

- 16 • General Employee Training (GET-19X/GET-20X) (Annual)
17 • Hazardous Waste Worker (HWW-101/102) (Annual)

RCRA Hazardous Waste Management Job Descriptions

Position Title: TRU Mixed Waste Handlers

Duties:

- Operates waste handling equipment and support systems to unload, handle and emplace **transuranic (TRU)** mixed waste and backfill into the repository
- Performs functional and operational checks of waste handling equipment and support systems as well as conduct waste container storage area inspections
- Performs spot decontamination of shipping casks, waste containers, and waste handling equipment
- Perform waste container overpacking operations

Requisite Skills, Experience and Education:

Academic or vocational high school graduate with courses in algebra and physics or chemistry, or equivalent, plus two years of college-level technical study with courses in nuclear waste management and health physics, or equivalent.

Training (Type/Amount):

- General Employee Training (GET-19X/GET-20X)
- General Employee Training Refresher (GET-19XA/GET-20XA)
- Waste Handling Operations Qualification Card Signature
- **CH Contact-handled** TRU Mixed Waste Handler - (WH-01A Backfill Technician, Floor, Yard, and Emplacement Technician, and WH-01B Waste Handling Technician or WH-02 Waste Handling Engineers) and Waste Handling Operations Guidebook (WH-GUIDE-1)
- **RH Remote-handled** TRU Mixed Waste Handler - (RH-01A, RH-01B, RH-01C) RH Waste Handling Technician Qualification Card or (RH-02) RH Waste Handling Engineer Qualification Card and Waste Handling Operations Guidebooks
- Radworker II (RAD-201)
- Hazardous Waste Worker (HWW-101/102)
- Respiratory Protection (SAF-630/631)
- Hazardous Waste Responder (HWR-101, 101A)
- Hazardous Waste Transportation (HMT-102)
- Forklift Safety (EQP 402) (Once)

- 1 • Conduct of Shift Operations (OPS 115) (~~Once~~) (Annual)
- 2 • Technical Safety Requirements (OPS 122) (Once)
- 3 • Incident Rigger (~~OPS 402~~) (RIG 001) (Biennial)
- 4 • 40-Hour Inexperienced Miner (SAF 501/502) (Annual)
- 5 • Subject Matter Expert/On the Job Trainer (TRG 293/298) (Biennial)
- 6 • Waste Handling Systems (STC-003/STC-015) (Once)
- 7
- 8

9 **NOTE:** Waste Handling Technicians will not participate in TRU waste handling activities and
10 integrated system functions unsupervised until full qualification is acquired.

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Site-Generated Waste Handlers
5

6 **Duties:**
7

- 8 – Inspects and inventories site-generated hazardous waste staging areas
9 – Assists the transfer of site-generated hazardous waste to on-site staging areas
10 – Directs storage of site-generated hazardous waste in the hazardous waste staging
11 areas
12 – Conducts inspections of Satellite Accumulation Areas

13 **Requisite Skills, Experience and Education:**
14

15 High school diploma.
16

17 **Training (Type/Amount):**
18

- 19 • General Employee Training (GET-19X/GET-20X)
20 • General Employee Training Refresher (GET-19XA/GET-20XA)
21 • Hazardous Waste Worker (HWW-101/102)
22 • Transportation of Hazardous Material (HMT-102)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** WWIS Data Administrator
5

6 **Duties:**
7

- 8 – Supervise the day to day operation of the WIPP Waste Information System
9 (WWIS)
- 10 – Review and approve waste characterization, certification, and shipping data
- 11 – Manage the WWIS, including data change control, archival of the database, and
12 reporting functions
- 13 – Review Waste Stream Profile Forms (**WSPF**) and compare with WWIS data on
14 specific containers. Make approval/rejection recommendations to the WSPF
15 review team

16 **Requisite Skills, Experience and Education:**
17

18 Bachelor of Science degree with technical courses in nuclear waste management,
19 chemistry and health physics, or equivalent.
20

21 **Training (Type/Amount):**
22

- 23 • General Employee Training (GET-19X/GET-20X)
24 • Subject Matter Expert/On-The-Job Training (TRG-293/298)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Manager, Transportation Operations
5

6 **Duties:**
7

- 8 – Oversee all TRU waste and non-TRU handling activities conducted by
9 Transportation Operations

10 **Requisite Skills, Experience and Education:**
11

12 B.S. degree, or equivalent, in nuclear-related field.
13

14 **Training (Type/Amount):**
15

- 16 • General Employee Training (GET-19X/GET-20X)
17 • General Employee Training Refresher (GET-19XA/GET-20XA)
18 • Hazardous Waste Worker Supervisor (HWS-101/101A)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Technical Trainer
5

6 **Duties:**
7

- 8 – Conduct Hazardous Waste Management training

9 **Requisite Skills, Experience and Education:**
10

11 High school graduate with knowledge in areas of skills taught.
12

13 **Training (Type/Amount):**
14

- 15 • General Employee Training (GET-19X/GET-20X)
16 • General Employee Training Refresher (GET-19XA/GET-20XA)
17 • Hazardous Waste Worker (HWW-101/102)
18 • Level II Trainer (TRG-300)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Emergency Services Technician
5

6 **Duties:**
7

- 8 – Responds to hazardous waste spills in emergency situations
9 – Provides emergency fire-response services
10 – Conducts routine inspections and maintains all response equipment on site
11 – Directs emergency teams to control hazardous situations

12 **Requisite Skills, Experience and Education:**
13

14 Vocational or commercial high school graduate, or equivalent, plus additional training in
15 emergency fire and medical response, or equivalent.
16

17 **Training (Type/Amount):**
18

- 19 • General Employee Training (GET-19X/GET-20X)
20 • General Employee Training Refresher (GET-19XA/GET-20XA)
21 • EST Qualification Card (EST-01)
22 • Subject Matter Expert/On-The-Job Training (TRG-293/298)
23 • Hazardous Waste Worker (HWW-101/102)
24 • Respiratory Protection (SAF-630/ 631)
25 • Firefighter I (SAF-621)
26 • Hazardous Waste Responder (HWR-101/101A)
27 • Incident Command Structure (ERT 113) (Once)
28 • Radiological Worker II (RAD 201) (Annual)
29 • 40-Hour Inexperienced Miner (SAF 501/502) (Annual)
30 • Heated Environment/Confined Space (SAF 515/515A) (Annual)
31 • Compressed Gas Cylinder Safety (SAF 619) (Once)
32

33 **NOTE:** The trainee may perform duties prior to qualification only for those evolutions and/or
34 operations for which training has been completed.

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** ~~Facility Inspection, Repair, and Service Team (FIRST) Leader~~
5

6 **Duties:**
7

8 ~~Oversee the packaging and shipment of hazardous and non hazardous waste~~

9 **Requisite Skills, Experience and Education:**
10

11 ~~High school graduate, or equivalent, supervisory experience and one year~~
12 ~~maintenance related experience.~~
13

14 **Training (Type/Amount):**
15

- 16 ● ~~General Employee Training (GET 19X/GET 20X)~~
- 17 ● ~~Hazardous Waste Worker (HWW 101/102)~~
- 18 ● ~~Hazardous Waste Worker Supervisor (HWS 101/101A)~~
- 19 ● ~~Hazardous Materials and Waste Transportation (HMT 102, 103)~~

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** ~~Facility Inspection, Repair, and Service Team (FIRST)~~
5

6 **Duties:**
7

8 ~~Support hazardous and non hazardous waste packaging and shipments~~

9 **Requisite Skills, Experience and Education:**
10

11 ~~High school graduate, or equivalent, and one year maintenance related experience.~~
12 ~~Maintain CDL Driver's License~~
13

14 **Training (Type/Amount):**
15

- 16 ~~• General Employee Training (GET 19X/GET 20X)~~
- 17 ~~• General Employee Training Refresher (GET 19XA/GET 20XA)~~
- 18 ~~• Hazardous Waste Worker (HWW 101/102) (Annual)~~
- 19 ~~• Hazardous Materials and Waste Transportation (HMT 102, 103) (Biennial)~~

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Sampling Team Assistant
5

6 **Duties:**

- 7 – Assists sampling team members in the collection of waste samples for
8 characterization and environmental media for determination of possible releases.
9 Sampling Team Assistant will not respond to hazardous material spills.

10 **Requisite Skills, Experience and Education:**
11

12 Academic or vocational high school graduate, or equivalent, with courses in algebra
13 and chemistry or biology, plus Associate degree in engineering or science with
14 courses in computer science, or equivalent.
15

16 **Training (Type/Amount):**
17

- 18 • General Employee Training (GET-19X/GET-20X)
19 • General Employee Training Refresher (GET-19XA/GET-20XA)
20 • Hazardous Waste Worker (HWW-101/102)
21 • Sampling Team Assistant Qualification (STA-001)
22 • Respiratory Protection (SAF 630/631) (Annual)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Waste Hoist Shaft Tender
5

6 **Duties:**
7

- 8 – Oversees and directs loading and unloading of the Waste Shaft Conveyance above
9 and below ground

10 **Requisite Skills, Experience and Education:**
11

12 Vocational or academic high school graduate; or equivalent.
13

14 **Training (Type/Amount):**
15

- 16 • General Employee Training (GET-19X/GET-20X)
17 • General Employee Training Refresher (GET-19XA/GET-20XA)
18 • Hazardous Waste Worker (HWW-101/102)
19 • Waste Hoist Shaft Tender (M-31)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Chief Office Warden
5

6 **Duties:**
7

- 8 – Cooperate, participate, and comply with the provisions of WIPP Emergency Plan
9 – Primary function is to coordinate personnel accountability in the event of an
10 evacuation
11 – Responsible for surface accountability at staging areas in the event of an
12 evacuation

13 **Requisite skills, Experience and Education:**
14

15 High School Diploma or equivalent, approval from employee's manager, compliance
16 with the requirements of the WIPP Emergency Plan, and current knowledge of
17 emergency evacuations, staging and assembly areas, and the site notification system.
18

19 **Training (Type/Amount):**
20

- 21 • General Employee Training (GET-19X/GET-20X)
22 • General Employee Training Refresher (GET-19XA/GET-20XA)
23 • Office Warden Training (SAF-632)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Mine Rescue Team Member
5

6 **Duties:**
7

- 8 – Cooperate, participate, and comply with provisions of the WIPP Emergency
9 Management Program (WP 12-9)
10 – Trained in accordance with 30 CFR to respond to mine emergencies beyond that
11 of the FLIRT
12 – Responsible for underground reentry and rescue after an underground evacuation

13 **Requisite Skills, Experience and Education:**
14

15 High School Diploma or equivalent, written approval from employee's manager
16 (Authorization Card MRT-01), compliance with health and physical requirements, 1)
17 Initial examination and clearance by the Occupational Medical Director, 2) Examined
18 and cleared annually by the Occupational Medical Director, 3) Additional tests:
19 pulmonary function test, cardiac stress test every five years, drug screen, 4)
20 Encouraged to maintain good medical and physical condition, Compliance with
21 requirements of the Contingency Plan SERP, current knowledge regarding rescue and
22 recovery of personnel involved in mine emergencies according to 30 CFR. At least
23 one year verifiable underground work.
24

25 **Training (Type/Amount):**
26

- 27 • General Employee Training (GET-19X/GET-20X)
28 • General Employee Training Refresher (GET-19XA/GET-20XA)
29 • First Aid and CPR (MED-101)
30 • Respiratory Protection (SAF-630/SAF-631 D)
31 • Radiological Worker II (RAD-201)
32 • Mine Rescue Team Initial training (EOC-101)
33 • Inexperienced Miner Training (SAF-501/502)
34 • Compressed Gas Cylinder Safety (SAF 619) (Once)

RCRA Hazardous Waste Management Job Descriptions

Position Title: First Line Initial Response Team member

Duties:

- Cooperate, participate, and comply with provisions of the Contingency Plan Supplemental Emergency Response Program Plan (SERP)
- Primary function is to provide medical and hazardous material response to the WIPP underground

Requisite Skills, Experience, and Education:

High School Diploma or equivalent, written approval from employee's manager (Authorization Card FLIRT-01), compliance with health and physical requirements, 1) Initial examination and clearance by the Occupational Medical Director, 2) Examined and cleared annually by the Occupational Medical Director, 3) Additional tests: pulmonary function test, cardiac stress test every five years, drug screen, 4) Encouraged to maintain good medical and physical condition, compliance with requirements of the Contingency Plan SERP, current knowledge regarding medical response and hazardous materials response.

Training (Type/Amount):

The following training must be completed and current prior to participation during an emergency response:

- General Employee Training (GET-19X/GET-20X)
- General Employee Training Refresher (GET-19XA/GET-20XA)
- Inexperienced miner (SAF 501/502)
- Confined Space Training (SAF-515)
- Hazardous Waste Worker (HWW-101)
- Respiratory Protection (SAF-630 and SAF-631 D)
- First Aid and CPR (MED-101)
- Radiological Worker II (RAD-201)
- Confined Space Rescue (ERT 102/102A) (Annual)
- Annual Live Fires Practical (ERT 107) (Annual)
- Introduction to Firefighting (ERT 117) (Once)
- Eight hours of training quarterly
- Hazardous Waste Responder (HWR 101/101A)(Annual)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** Fire Protection Technician
5

6 **Duties:**
7

- 8 – Responds to hazardous waste spills in emergency situations
9 – Provides emergency fire-response service
10 – Conducts routine inspections and maintains all response equipment on site
11 – Serves as incident commander
12 – Directs emergency teams to control hazardous situations
13

14 **Requisite Skills, Experience, and Education:**
15

16 Vocational or commercial high school graduate, or equivalent, plus additional
17 training in emergency fire and medical response, or equivalent.
18

19 **Training (Type/Amount):**
20

- 21 • General Employee Training (GET-19X/GET-20X)
22 • General Employee Training Refresher (GET-19XA/GET-20XA) (Annual)
23 • Hazardous Waste Worker (HWW-101/102)
24 • Hazardous Waste Responder (HWR-101/101A)
25 • Radiological Worker (RAD-201/202)
26 • Respiratory Protection (SAF-630/ SAF-631D)
27 • Fire Protection Technician Qualification Card (FTP-01)

1 **RCRA Hazardous Waste Management Job Descriptions**

2
3
4 **Position Title:** Confirmation Radiography Operator Radiographer Level 1 (Confirmation
5 Radiography Independent Technical Reviewer

6
7 **Duties:**

- 8
9 – Reviews radiography record performed by another confirmation radiography
10 operator radiographer

11 **Requisite Skills, Experience and Education:**

12 Academic or vocational high school diploma or equivalent.

13
14
15 **Training (Type/Amount):**

- 16
17 • General Employee Training (GET-19X/GET-20X)
18 • General Employee Training Refresher (GET-20XA)
19 • Conduct of Shift Operations (OPS 115) (~~Once~~) (Annual)
20 • Radiography Training (Level 1)

1 **RCRA Hazardous Waste Management Job Descriptions**

2
3
4 **Position Title:** Confirmation Radiography Operator Radiographer Level 2 (Confirmation
5 Radiography Independent Technical Reviewer

6
7 **Duties:**

- 8
9 – Performs confirmation of waste using radiography
10 – Reviews radiography record performed by another confirmation radiography
11 operator radiographer

12
13 **Requisite Skills, Experience and Education:**

14
15 Academic or vocational high school diploma or equivalent.

16
17 **Training (Type/Amount):**

- 18
19 • General Employee Training (GET-19X/GET-20X)
20 • General Employee Training Refresher (GET-20XA)
21 • Radworker II (RAD-201)
22 • Hazardous Waste Worker (HWW-101/102)
23 • Respiratory Protection (SAF-630/631)
24 • Conduct of Shift Operations (OPS 115) (~~Once~~) (Annual)
25 • Technical Safety Requirements (OPS 122) (Once)
26 • Subject Matter Expert/On the Job Trainer (TRG 293/298) (Biennial)
27 • Waste Handling Systems (STC-003) (Once)
28 • Radiography Training (Level 2)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** **Confirmation** Visual Examination Operator/Expert Level 2 (VE
5 Independent Technical Reviewer)
6

7 **Duties:**
8

- 9 – Performs confirmation of waste using visual examination or review of visual
10 examination records

11 – Reviews visual examination or visual examination record review performed by
12 another Visual Examination Operator/Expert.

13 **Requisite Skills, Experience and Education:**
14

15 Academic or vocational high school diploma or equivalent.
16

17 **Training (Type/Amount):**
18

- 19 • General Employee Training (GET-19X/GET-20X)
20 • General Employee Training Refresher (GET-20XA)
21 • Radworker II (RAD-201)
22 • Hazardous Waste Worker (HWW-101/102)
23 • Respiratory Protection (SAF-630/631)
24 • Conduct of Shift Operations (OPS 115) (~~Once~~) **Annual**
25 • Technical Safety Requirements (OPS 122) (Once)
26 • Subject Matter Expert/On the Job Trainer (TRG 293/298) (Biennial)
27 • Waste Handling Systems (STC-003) (Once)
28 • Visual Examination (Level 2)

1 **RCRA Hazardous Waste Management Job Descriptions**
2
3

4 **Position Title:** ~~Permittees' Management Representative~~
5

6 **Duties:**
7

8 ~~Reviews radiography and/or visual examination to certify that waste confirmation~~
9 ~~is complete and that waste contains no ignitable, corrosive, or reactive waste~~

10 **Requisite Skills, Experience and Education:**
11

12 ~~Academic or vocational high school diploma or equivalent.~~
13

14 **Training (Type/Amount):**
15

- 16 ● ~~General Employee Training (GET 19X/GET 20X)~~
- 17 ● ~~General Employee Training Refresher (GET 20XA)~~
- 18 ● ~~Radworker II (RAD 201)~~
- 19 ● ~~Hazardous Waste Worker (HWW 101/102)~~
- 20 ● ~~Respiratory Protection (SAF 630/631)~~
- 21 ● ~~Conduct of Shift Operations (OPS 115) (Once)~~
- 22 ● ~~Technical Safety Requirements (OPS 122) (Once)~~
- 23 ● ~~Subject Matter Expert/On the Job Trainer (TRG 293/298) (Biennial)~~
- 24 ● ~~Waste Handling Systems (STC 003) (Once)~~
- 25 ● ~~Radiography Training~~
- 26 ● ~~Visual Examination Training~~