

CNS OPERATIONS MANUAL ADMINISTRATIVE PROCEDURE 0.36.4A ASBESTOS NOTIFICATION AND DISPOSAL	USE: INFORMATION QUALITY: QAPD RELATED EFFECTIVE: 3/7/01 APPROVAL: ITR-RDM OWNER: M. I. STAUFFER DEPARTMENT: CHEM
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1. PURPOSE	1
2. APPLICABILITY	1
3. DISCUSSION	1
4. RESPONSIBILITIES	2
5. NOTIFICATIONS	3
6. DISPOSAL REQUIREMENTS	3
7. RECORDS	5
8. REFERENCES	5
ATTACHMENT 1 ASBETOS PROJECT NOTIFICATION FORM	6
ATTACHMENT 2 NOTIFICATION OF REVISION, RESCHEDULE, OR CANCELLATION OF ASBESTOS PROJECT FORM	7
ATTACHMENT 3 NOTIFICATION OF DEMOLITION AND RENOVATION FORM	8
ATTACHMENT 4 CONTRACTOR NOTIFICATION FORM	9
ATTACHMENT 5 WASTE DISPOSAL DATA FORM	10
ATTACHMENT 6 ASBESTOS WASTE SHIPMENT RECORD	11

REV.	DATE	CHANGES
0	see above	New procedure.

1. PURPOSE

1.1 This procedure provides instructions to ensure compliance with applicable Federal, State, and NPPD Asbestos Rules, Regulations, or Standards, so reasonable measures to minimize exposures to airborne asbestos concentrations are taken for all personnel while at CNS.

2. APPLICABILITY

2.1 This procedure applies to the CNS Asbestos Representative or designee and the Asbestos Job Supervisors responsible for ensuring proper performance and documentation of asbestos related work at CNS.

3. DISCUSSION

3.1 Adequately Wetted - Sufficiently mix or penetrate with liquid to prevent the release of particulates.

3.2 Asbestos - Includes chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these minerals that have been chemically treated and/or altered.

- 3.3 Asbestos Containing Material (ACM) - Any material containing more than 1% asbestos.
- 3.4 Asbestos Project - Asbestos encapsulation, removal, enclosure, demolition, or dismantling that consists of an area larger than 3 square feet or 3 linear feet.
- 3.5 Demolition - The wrecking or taking out of any load-supporting structural member and any related razing, removing, or stripping of asbestos products.
- 3.6 Emergency Renovation Operation - A renovation operation that was not planned but results from a sudden unexpected event that if not immediately attended to presents a safety or public health hazard, is necessary to protect equipment from damage, or is necessary to avoid imposing an unreasonable financial burden. This term includes operations necessitated by non-routine failures of equipment.
- 3.7 Friable Asbestos - Any material containing more than 1% asbestos that when dry can be crumbled, pulverized, or reduced to powder by hand pressure.
- 3.8 Job Supervisor - Individual who will supervise and direct an asbestos project in accordance with all regulatory requirements. An asbestos supervisor is capable of identifying existing asbestos hazards in the workplace and has authority to take prompt corrective measures to eliminate them.
- 3.9 NESHAP - The National Emissions Standards for Hazardous Air Pollutants per 40CFR, Part 61.
- 3.10 Non-Friable Asbestos - Any material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- 3.11 Planned Renovation Operations - A renovation operation, or a number of such operations, in which some ACM will be removed or stripped within a given period of time and that can be predicated. Individual non-scheduled operations are included if a number of such operations can be predicated to occur during a given period of time based on operating experience.
- 3.12 Renovation - The modifying of any existing structure or portion thereof.
- 3.13 Visible Emissions - Any emissions, which are visually detectable without the aid of instruments, coming from ACM or asbestos-containing waste material or from any asbestos milling, manufacturing, or fabricating operation. This does not include condensed uncombined water vapor.

4. RESPONSIBILITIES

- 4.1 The CNS Asbestos Representative or designee shall be responsible for:
 - 4.1.1 Ensuring the asbestos notifications and forms have been prepared correctly and submitted to the General Office Environmental Policy Department.
 - 4.1.2 Ensuring the asbestos material is properly disposed of according to federal regulations.

4.2 The Asbestos Job Supervisor shall be responsible for:

- 4.2.1 Ensuring all individuals involved with an asbestos project have been properly trained, certified, have passed a medical examination, and have been respirator fit tested (if a respirator is required for the work).
- 4.2.2 Ensuring all applicable asbestos notifications and forms have been prepared and sent to the CNS Asbestos Representative or designee.
- 4.2.3 Ensuring asbestos material is properly bagged, labeled, and placed in the proper accumulation site upon work completion.

5. NOTIFICATIONS

5.1 An Asbestos Project Notification (Attachment 1) shall be completed for all asbestos projects (friable or non-friable) by the Project Supervisor and sent to the CNS Asbestos Representative at least 16 working days prior to any work being performed. Any project exceeding 160 square feet or 260 linear feet requires a notification of Demolition and Renovation (Attachment 3). These forms shall be submitted to the Environmental Policy Department in Columbus, Nebraska, within 12 working days prior to the scheduled date for the project to begin. The Environmental Policy Department is responsible for all notifications to the EPA, State, and local regulators.

NOTE – Building inspections performed by a certified Asbestos Building Inspector do not require an Asbestos Project Notification Form to be submitted.

- 5.2 Any changes to an asbestos project involving a change of date, a 20% change of asbestos containing material, or the cancellation of a project requires a Notification of Revision, Reschedule, or Cancellation of an Asbestos Project Form (Attachment 2).
- 5.3 A Contractor Notification Form (Attachment 4) shall be completed any time non-NPPD employees are working on-site. The Project Supervisor shall complete the form and take two copies to the Contractor's on-site representative. The Contractor's representative shall sign the forms on the "Acknowledged By" line. One copy shall stay with the Contract Representative and the other copy shall be sent to the CNS Asbestos Representative or designee and placed in the project file.
- 5.4 When an emergency asbestos project is performed (friable or non-friable), notification shall be made to the CNS Asbestos Representative or designee and the Environmental Policy Department in Columbus, Nebraska, as soon as possible, and no later than 48 hours after the project has started.

6. DISPOSAL REQUIREMENTS

- 6.1 Friable asbestos shall be adequately wetted.
- 6.2 All asbestos shall be double bagged using clear 6-mil plastic bags and sealed.

- 6.3 The plastic bags, metal drums, or fiber drums used for disposing of asbestos shall have the following labeling:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

- 6.4 The markings shall be displayed in such a manner and location that a person can easily read the label. Markings shall be 51 cm by 36 cm (20" by 14") in an upright position.
- 6.5 Radiation Protection shall be contacted to determine if asbestos material is contaminated.
- 6.6 Temporary asbestos waste storage areas are in multiple locations throughout CNS. Contact the CNS Asbestos Representative or designee for specific site locations.
- 6.7 All asbestos containing waste material shall be disposed of as soon as practical at an approved landfill.
- 6.7.1 During loading and unloading of the vehicle, appropriate markings shall be displayed which are visible to personnel within the area and conform to the NESHAP requirements. The markings shall be displayed in such a manner and location that a person can easily read the label. Markings shall be 51 cm by 36 cm (20" by 14") upright format signs with the following label:

DANGER
ASBESTOS DUST HAZARD
CANCER AND LUNG DISEASE HAZARD
Authorized Personnel Only

- 6.7.2 Asbestos containing waste material, containers, or wrapped materials to be transported off-site, must be labeled with the name of the waste generator, the location at which the waste was generated, and the proper Department of Transportation label for asbestos.
- 6.7.3 Asbestos waste shall be transported in vehicles operated or escorted by a certified asbestos worker or supervisor. Vehicles must have completely enclosed cargo areas. All visible asbestos residue remaining in the cargo area after deposit at the landfill should be wet cleaned and deposited as waste material. To lesson the chance of cargo contamination, it is suggested that the cargo area be lined with 6-mil plastic and disposed as waste at the landfill.

6.8 A Waste Disposal Data Form (Attachment 5) shall be completed by the CNS Asbestos Representative or designee. Upon review, Attachment 5 shall be sent to the Senior Environmental Specialist Asbestos Program Owner at the General Office for NPPD records.

6.9 A Waste Shipment Record (Attachment 6) shall be completed by the CNS Asbestos Representative or designee. Upon review, Attachment 6 shall be sent to the Senior Environmental Specialist Asbestos Program Owner at the General Office for NPPD records.

7. RECORDS

7.1 Attachments 1 through 6 are sent to the CNS Asbestos Program Representative for the asbestos project work package. Upon project completion, the work package is forwarded to General Office EPD Department Asbestos Representative.

8. REFERENCES

8.1 COMMITMENTS AND OBLIGATIONS MATRIX

COMMITMENTS AND OBLIGATIONS	AFFECTED STEPS
QAPD	Unvalidated

8.2 CODES AND STANDARDS

8.2.1 FEDERAL REGULATIONS

8.2.1.1 40CFR61, National Emission Standards for Asbestos.

8.2.1.2 40CFR763, Asbestos Abatement Projects, Worker Protection.

8.2.2 STATE REGULATIONS

8.2.2.1 State of Nebraska - Title 178, Chapter 22, Asbestos Control Program.

8.3 MISCELLANEOUS

8.3.1 NPPD Safety and Health Manual, Section 2:205, Asbestos.

ATTACHMENT 1 ASBESTOS PROJECT NOTIFICATION FORM

ATTACHMENT 1 ASBESTOS PROJECT NOTIFICATION FORM

**NEBRASKA PUBLIC POWER DISTRICT
ASBESTOS PROGRAM
ASBESTOS PROJECT NOTIFICATION FORM**

ENV 543

Project ID No. _____ Present Date _____

Type of _____ **Planned Project (EPA 10 Day Notice)**
 Notification: _____ **Emergency Project (EPA A.S.A.P. Notice)**
 _____ **Small Project Less Than Three Square Feet or Three Linear Feet (NPPD Notice Only)**

Scheduled Dates of Project: Start _____ Complete _____

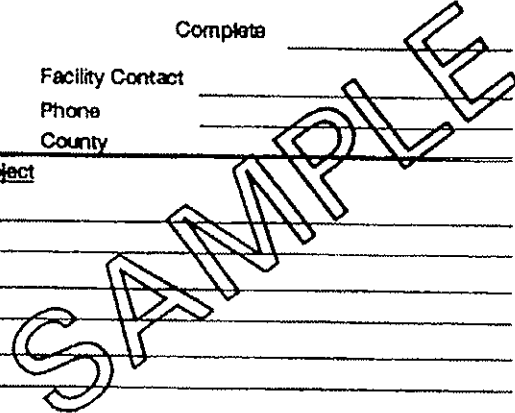
Facility Name _____ Facility Contact _____
 Address _____ Phone _____
 City, State Zip _____ County _____

Description of Project

Location of Project _____

Project Description _____

Description of Work Practices and Engineering Controls _____



Amounts of ACM to be Removed

Component	Friable			Non-Friable		
	Sq Ft	Ln Ft	Cu Ft	Sq Ft	Ln Ft	Cu Ft
Pipes	_____	_____	_____	_____	_____	_____
Surface Area	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____

Waste Transporter

Name _____ Address _____
 Contact _____
 Telephone _____

Waste Disposal Site

Name _____ Address _____
 Contact _____
 Telephone _____

Emergency Notification

Date and Time of Emergency _____
 Description of Sudden Unexpected Event _____
 Explain how event caused unsafe conditions, equipment damage, or an unreasonable financial burden _____

Telephone Notice to _____ Date _____ Time _____

Mail Form to: Environmental Supervisor – Asbestos and Solid Waste, NPPD General Office Environmental Affairs
 Box 499, Columbus NE 68602-0499
 Telephone Number (402) 563-5332 Fax Number (402) 563-5551

Note: Keep copy for project files

Form Completed by: _____ Reviewed and Approved by: _____
 Name _____ Name _____
 Signature _____ Signature _____
 Date _____ Date _____

0-36-4AA
 Figure 1

ATTACHMENT 3 NOTIFICATION OF DEMOLITION AND RENOVATION FORM

ATTACHMENT 3 NOTIFICATION OF DEMOLITION AND RENOVATION FORM

**NEBRASKA PUBLIC POWER DISTRICT
NOTIFICATION OF DEMOLITION AND RENOVATION**

RECORD FORM No. 4

1. Document Number		2. Project (Nos.)		3. Type of Notification O = Original R = Revised C = Cancelled																													
4. Generator's Name and Mailing Address			5. Owner's Name Nebraska Public Power District 1414 15th Street P.O. Box 499 Columbus, NE 68602-0499																														
Phone No. _____		Contact: _____		Phone No. 402-564-8561																													
6. Removal Contractor Name and Mailing Address			7. Type of Operation D = Demolition O = Ordered Demolition R = Renovation E = Emergency Renovation																														
Phone No. _____		Contact: _____																															
8. Facility Description																																	
A. Bldg. Name: _____			E. Asbestos Present (Yes/No) _____																														
B. Address: _____			F. No. of Floors: _____																														
C. City: _____			G. Age in Years: _____																														
State: _____		County: _____		H. Present Use: _____																													
D. Bldg. Size: _____			I. Prior Use: _____																														
9. Analytical Method "Procedure" Used To Detect the Presence of Asbestos Material:																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">10. Approximate Amount of Asbestos: 1. Regulated ACM to be Removed 2. Category I ACM Not Removed 3. Category II ACM Not Removed</th> <th rowspan="2">RACM To Be Removed</th> <th colspan="2">Nonfriable Asbestos Material Not To Be Removed</th> <th colspan="2">Indicate Unit of Measurement Below</th> </tr> <tr> <th>Cat. I</th> <th>Cat. II</th> <th colspan="2">Unit</th> </tr> </thead> <tbody> <tr> <td>Pipes</td> <td></td> <td></td> <td></td> <td>Ln Ft:</td> <td>Ln m:</td> </tr> <tr> <td>Surface Area</td> <td></td> <td></td> <td></td> <td>Sq Ft:</td> <td>Sq m:</td> </tr> <tr> <td>Volume RACM Off Facility Component</td> <td></td> <td></td> <td></td> <td>Cu Ft:</td> <td>Cu m:</td> </tr> </tbody> </table>						10. Approximate Amount of Asbestos: 1. Regulated ACM to be Removed 2. Category I ACM Not Removed 3. Category II ACM Not Removed	RACM To Be Removed	Nonfriable Asbestos Material Not To Be Removed		Indicate Unit of Measurement Below		Cat. I	Cat. II	Unit		Pipes				Ln Ft:	Ln m:	Surface Area				Sq Ft:	Sq m:	Volume RACM Off Facility Component				Cu Ft:	Cu m:
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		Cat. I	Cat. II	Unit																													
Pipes				Ln Ft:	Ln m:																												
Surface Area				Sq Ft:	Sq m:																												
Volume RACM Off Facility Component				Cu Ft:	Cu m:																												
11. Scheduled Dates Asbestos Removal			Start: _____		Complete: _____																												
12. Scheduled Dates Demolition/Renovation			Start: _____		Complete: _____																												
13. Description of Planned Demolition or Renovation Work and Method(s) To Be Used:																																	
14. Description of Work Practices and Engineering Controls To Be Used To Prevent Emissions of Asbestos at the Demolition and Renovation Site:																																	
15. Waste Transporter			16. Waste Disposal Site																														
Name: _____		Address: _____		Name: _____																													
City: _____		State: _____		Location: _____																													
State: _____		Zip: _____		City: _____																													
Contact Person: _____		Tel: _____		State: _____																													
Tel: _____				Zip: _____																													
17. For Emergency Renovations																																	
Date and Hour of Emergency (MM/DD/YY) _____			Description of Sudden Unexpected Event:																														
Explanation of how the event caused unsafe conditions, equipment damage, or an unreasonable financial burden:																																	
18. Description of procedures to be followed in the event that unexpected asbestos is found or previously nonfriable asbestos material becomes crumbled, pulverized, or reduced to powder.																																	
19. I certify that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. (Required 1 year after promulgation)																																	
			(Signature of Owner Operator)		(Date)																												
20. I certify that the above information is correct.																																	
			(Signature of Owner Operator)		(Date)																												

0-36-4AC

Figure 3

ATTACHMENT 5 WASTE DISPOSAL DATA FORM

ATTACHMENT 5 WASTE DISPOSAL DATA FORM

NEBRASKA PUBLIC POWER DISTRICT
ASBESTOS PROGRAM
WASTE DISPOSAL DATA

ENV 543

Project ID No. Plant or Building Location
Project Start Date Disposal Date
Project Description

Friable Asbestos Material:

Cubic Yards Sq. Feet Linear Feet
No. of Bags No. of Drums No. of Boxes
No. of Others Describe

Non-Friable Asbestos Material:

Cubic Yards Sq. Feet Linear Feet
No. of Bags No. of Drums No. of Boxes
No. of Others Describe

Type of Transportation:

Covered Truck Enclosed Trailer Other
Describe

Disposal Site: Name
Address
City/County/Zip
Phone

Waste Manifest Form Completed YES/NO Waste Manifest No.

Disposal Permit Date

Describe special handling conditions, problems encountered or any other comments:

Name of Company Waste Transported By

Individuals involved with transporting waste:

Table with 2 columns: Name, SSN. Rows 1-5.

Note: Complete a separate Waste Disposal Data sheet per shipment

Form Completed by:
Name
Signature
Date

Reviewed and Approved by:
Name
Signature
Date

0-36-4AE
Figure 5

ATTACHMENT 6 ASBESTOS WASTE SHIPMENT RECORD

ATTACHMENT 6 ASBESTOS WASTE SHIPMENT RECORD

**NEBRASKA PUBLIC POWER DISTRICT
ASBESTOS WASTE SHIPMENT RECORD**

RECORD FORM No. 15

1. Document Number		2. Project (Nos.)			
3. Generator's Name and Mailing Address		4. Owner's Name			
Generator's Phone No.		Nebraska Public Power District			
		1414 15th Street			
		P.O. Box 499			
		Columbus, NE 68602-0499			
		Phone No. 402/564-8561	Fax No.		
5. Operator's Name and Address					
Operator's Phone No.					
6. Waste Disposal Site (WDS) Name, Mailing Address, Physical Site Location					
WDS Phone No.					
7. Name and Address of Responsible Agency		Mr. Steve Bauer			
		Nebraska Department of Environmental Quality			
		P.O. Box 98922			
		Lincoln, NE 68509-8922			
8. Codes:		<input type="checkbox"/> FAM - Friable Asbestos Material <input type="checkbox"/> NFAM - Non-Friable Asbestos Material <input type="checkbox"/> DM - Metal drums, barrels <input type="checkbox"/> DP - Plastic drums, barrels			
		<input type="checkbox"/> BA - 6 mil plastic bags or wrapping <input type="checkbox"/> DF - Fiber drums, barrels <input type="checkbox"/> BF - Fiber boxes			
9. Description of Materials		Containers		Total Quantity	
		No.	Type	m ³	
				(yd ³)	
				sq ft	
10. Special Handling Instructions and Additional Information					
11. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.					
Printed/Typed Name & Title		Signature	Month	Day Year	
12. TRANSPORTER (Acknowledgment of receipt of materials)					
Printed/Typed Name & Title		Signature	Month	Day Year	
Address and Phone No.					
13. Discrepancy Indication Space					
14. Waste Disposal Site Owner or Operator:					
Certification of Receipt of Asbestos Materials Covered by this Document Except as noted under Discrepancy					
Printed/Typed Name & Title		Signature	Month	Day Year	

ORIGINAL - RETURN TO GENERATOR (white): This copy to be sent by the Generator to NPPD Columbus General Office, Environmental Policy Department, with all original signatures.

TRANSPORTER COPY (green): This copy is to be kept by the Transporter.

LANDFILL COPY (canary): This copy to remain at the Landfill Site for their records.

GENERATOR COPY (pink): This copy to remain at the Generator's Site (Item No. 3 Address) without the Landfill signature. This copy will have the Transporter's signature.

SITE COPY (golden rod): This copy to be returned by Landfill to the Generator (Item No. 3 Address). This copy will have all signatures and will remain at the Generator's Site for their records.

ENVIRONMENTAL COPY (blue): This copy to be sent by the Generator to NPPD Columbus General Office, Environmental Division, with all signatures.

0-36-4AF

Figure 6