



STATE OF NEW YORK  
OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242



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**ADDENDUM NO. 3 TO PROJECT NO. 44611**

**ELECTRICAL WORK WITH ASBESTOS ABATEMENT  
PROVIDE PAS, FIRE PROTECTION IMPROVEMENTS AND ACM ABATEMENT  
VARIOUS BUILDINGS  
Hutchings Psychiatric Center  
620 Madison Avenue  
Syracuse, NY 13210**

May 2, 2014

**NOTE:** This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.  
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**APPENDIX ATTACHMENT B**

1. Replace the procedure titled "DRILLING A ¼-INCH HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS", REFERENCE: GEN-24-00, DRAFT with the attached Procedure titled "DRILLING A ¼-INCH HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS", REFERENCE: GEN-24-00, REVISED: DECEMBER 23, 2013.
2. Replace the procedure titled "DRIVING NAILS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS", REFERENCE: GEN-25-00, DRAFT with the attached Procedure titled "DRIVING NAILS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS", REFERENCE: GEN-25-00, REVISED: DECEMBER 23, 2013.
3. Replace the procedure titled "DRIVING SCREWS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS", REFERENCE: GEN-26-00, DRAFT with the attached Procedure titled "DRIVING SCREWS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS", REFERENCE: GEN-26-00, REVISED: DECEMBER 23, 2013.
4. Replace the procedure titled "CUTTING THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS WITH A HANDSAW", REFERENCE: GEN-27-00, DRAFT with the attached Procedure titled "CUTTING THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS WITH A HANDSAW", REFERENCE: GEN-27-00, REVISED: DECEMBER 23, 2013.

**ADDENDUM NO. 3 TO PROJECT NO. 44611-E**

5. Replace the procedure titled “DRILLING A TWO-INCH DIAMETER HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS”, REFERENCE: GEN-28-00, DRAFT with the attached Procedure titled “DRILLING A TWO-INCH DIAMETER HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS”, REFERENCE: GEN-28-00, REVISED DECEMBER 23, 2013.

**END OF ADDENDUM**

Margaret F. Larkin  
Acting Executive Director

SUBJECT: DRILLING A ¼-INCH HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	REFERENCE: GEN-24-00
DEPARTMENT: MAINTENANCE/WORK CONTROL	PAGE: 1 of 3
	EFFECTIVE UNTIL: OCTOBER 29, 2014
APPROVED BY:	REVISED: DECEMBER 23, 2013

## **BACKGROUND**

Joint compound containing a trace amount (less than or equal to 1%) of asbestos is not considered asbestos containing material (ACM) by the New York State Department of Labor (NYSDOL). However, the Occupational Safety and Health Administration (OSHA) requires that workers are protected when potentially exposed to any level of asbestos. Workers must either wear respiratory protection, or the employer must perform a Negative Exposure Assessment (NEA). An NEA is an assessment of asbestos exposure which demonstrates that employees are not exposed to airborne levels of asbestos fiber in excess of OSHA Permissible Exposure Limits (PELs) while performing a particular task.

An NEA was performed for the task of drilling a ¼-inch hole through joint compound containing less than 1% asbestos. The NEA confirmed that New York State Office of Mental Health (NYSOMH) workers can maintain exposure levels below the OSHA PELs while drilling a ¼-inch hole into joint compound containing a trace amount of asbestos by following the procedures described herein. Any NYSOMH employee that has completed (at minimum) asbestos awareness training can perform this work.

Example job tasks:

- Drilling a ¼-inch hole into joint compound to install wall anchors, molly bolts, cable, wire, or anything else that can fit through a ¼-inch hole.

## **PROCEDURE**

### **1. Setup the work area:**

- Remove all loose and unnecessary items from the work area to avoid contamination;
- Setup a barrier using “Caution Tape” to restrict access to the work area;
- Place plastic sheeting (secured with duct tape) under the work area and over any surface within the work area; and
- Don the proper personal protective equipment (i.e., nitrile gloves and safety glasses).

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**2. Perform the work:**

**a. Wet Methods without a High-Efficiency Particulate Air (HEPA) vacuum equipped drill:**

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Using a drill set on low speed, slowly drill through the joint compound holding a designated HEPA vacuum hose near the drill point, or use duct tape to hold the hose in place;
- Install the item (i.e. wall anchor, wire, cable, etc.);
- Use a designated HEPA vacuum to clean the hole and surrounding area; and
- Wipe down the area with a wet cloth.

**b. Wet Methods with a HEPA vacuum equipped drill:**

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Using a drill set on low speed with the HEPA vacuum attachment turned on, slowly drill through the joint compound;
- Install the item (i.e. wall anchor, wire, cable, etc.);
- Use a designated HEPA vacuum to clean the hole and surrounding area; and
- Wipe down the area with a wet cloth.

<b>SUBJECT:</b> DRILLING A ¼-INCH HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	<b>REFERENCE:</b> GEN-24-00
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<b>APPROVED BY:</b>	<b>REVISED:</b> DECEMBER 23, 2013

**I have reviewed the facility's Asbestos Operations and Maintenance (O&M) Plan or Asbestos Management Plan (AMP) to assess the work area. The scope of work for this project does not involve the disturbance of joint compound containing greater than 1% asbestos. I have also reviewed and understand this procedure and have received asbestos awareness training within the past year.**

**Worker Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Asbestos Awareness Training Date:** \_\_\_\_\_

SUBJECT: DRIVING NAILS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	REFERENCE: GEN-25-00
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APPROVED BY:	REVISED: DECEMBER 23, 2013

## **BACKGROUND**

Joint compound containing a trace amount (less than or equal to 1%) of asbestos is not considered asbestos containing material (ACM) by the New York State Department of Labor (NYS DOL). However, the Occupational Safety and Health Administration (OSHA) requires that workers are protected when potentially exposed to any level of asbestos. Workers must either wear respiratory protection, or the employer must perform a Negative Exposure Assessment (NEA). An NEA is an assessment of asbestos exposure which demonstrates that employees are not exposed to airborne levels of asbestos fiber in excess of OSHA Permissible Exposure Limits (PELs) while performing a particular task.

An NEA was performed for the task of driving nails through joint compound containing less than 1% asbestos. The NEA confirmed that New York State Office of Mental Health (NYSOMH) workers can maintain exposure levels below the OSHA PELs while driving nails into joint compound containing a trace amount of asbestos by following the procedures described herein. Any NYSOMH employee that has completed (at minimum) asbestos awareness training can perform this work.

Example job tasks:

- Nailing into joint compound to hang artwork, bulletin boards, or other items.

## **PROCEDURE**

### **1. Setup the work area:**

- Remove all loose and unnecessary items from the work area to avoid contamination;
- Setup a barrier using “Caution Tape” to restrict access to the work area;
- Place plastic sheeting (secured with duct tape) under the work area and over any surfaces in the work area; and
- Don the proper personal protective equipment (i.e., nitrile gloves and safety glasses).

SUBJECT: DRIVING NAILS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	REFERENCE: GEN-25-00
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**2. Perform the work:**

**a. Wet methods without a designated High-Efficiency Particulate Air (HEPA) vacuum for dust control:**

- Apply shaving cream or gel to the wall at the penetration point;
- Carefully drive the nail into the surface;
- Use a designated HEPA vacuum to clean the surrounding area; and
- Wipe down the area with a wet cloth.

**b. Wet Methods with a HEPA vacuum for dust control:**

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Carefully drive the nail into the surface holding a designated HEPA vacuum hose at the nail point, or use duct tape to hold the hose in place;
- Use a designated HEPA vacuum to clean the surrounding area; and
- Wipe down the area with a wet cloth.

**I have reviewed the facility's Asbestos Operations and Maintenance (O&M) Plan or Asbestos Management Plan (AMP) to assess the work area. The scope of work for this project does not involve the disturbance of joint compound containing greater than 1% asbestos. I have also reviewed and understand this procedure and have received asbestos awareness training within the past year.**

**Worker Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Asbestos Awareness Training Date:** \_\_\_\_\_

SUBJECT: DRIVING SCREWS THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	REFERENCE: GEN-26-00
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## **BACKGROUND**

Joint compound containing a trace amount (less than or equal to 1%) of asbestos is not considered asbestos containing material (ACM) by the New York State Department of Labor (NYSDOL). However, the Occupational Safety and Health Administration (OSHA) requires that workers are protected when potentially exposed to any level of asbestos. Workers must either wear respiratory protection, or the employer must perform a Negative Exposure Assessment (NEA). An NEA is an assessment of asbestos exposure which demonstrates that employees are not exposed to airborne levels of asbestos fiber in excess of OSHA Permissible Exposure Limits (PELs) while performing a particular task.

An NEA was performed for the task of driving screws through joint compound containing less than 1% asbestos. The NEA confirmed that New York State Office of Mental Health (NYSOMH) workers can maintain exposure levels below the OSHA PELs while driving screws into joint compound containing a trace amount of asbestos by following the procedures described herein. Any NYSOMH employee that has completed (at minimum) asbestos awareness training can perform this work.

Example job tasks:

- Driving screws through joint compound to hang artwork, bulletin boards, safety/security devices or other items.

## **PROCEDURE**

### **1. Setup the work area:**

- Remove all loose and unnecessary items from the work area to avoid contamination;
- Setup a barrier using “Caution Tape” to restrict access to the work area;
- Place plastic sheeting (secured with duct tape) under the work area and over other surfaces in the work area; and
- Don the proper personal protective equipment (i.e., nitrile gloves and safety glasses).

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APPROVED BY:	REVISED: DECEMBER 23, 2013

**2. Perform the work:**

**a. Wet Methods without a High-Efficiency Particulate Air (HEPA) vacuum equipped bit driver:**

- Apply shaving cream to the screw penetration point;
- Using a bit driver on low speed, slowly drive the screw through the joint compound holding a designated HEPA vacuum at the penetration point, or use duct tape to hold the hose in place;
- Use a designated HEPA vacuum to clean the hole and surrounding area; and
- Wipe down the area with a wet cloth.

**b. Wet Methods with a HEPA vacuum equipped bit driver:**

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Using a bit driver on low speed with the HEPA vacuum attachment turned on, slowly drive the screw through the joint compound;
- Use a designated HEPA vacuum to clean the surrounding area; and
- Wipe down the area with a wet cloth.

**I have reviewed the facility's Asbestos Operations and Maintenance (O&M) Plan or Asbestos Management Plan (AMP) to assess the work area. The scope of work for this project does not involve the disturbance of joint compound containing greater than or equal to 1% asbestos. I have also reviewed and understand this procedure and have received asbestos awareness training within the last year.**

**Worker Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Asbestos Awareness Training Date:** \_\_\_\_\_

SUBJECT: CUTTING THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS WITH A HANDSAW	REFERENCE: GEN-27-00
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## **BACKGROUND**

Joint compound containing a trace amount (less than or equal to 1%) of asbestos is not considered asbestos containing material (ACM) by the New York State Department of Labor (NYSDOL). However, the Occupational Safety and Health Administration (OSHA) requires that workers are protected when potentially exposed to any level of asbestos. Workers must either wear respiratory protection, or the employer must perform a Negative Exposure Assessment (NEA). An NEA is an assessment of asbestos exposure which demonstrates that employees are not exposed to airborne levels of asbestos fiber in excess of OSHA Permissible Exposure Limits (PELs) while performing a particular task.

An NEA was performed for the task of cutting a four-inch by four-inch hole through joint compound containing less than 1% asbestos with a handsaw. The NEA confirmed that New York State Office of Mental Health (NYSOMH) workers can maintain exposure levels below the OSHA PELs while cutting through joint compound containing a trace amount of asbestos by following the procedures described herein. Any NYSOMH employee that has completed (at minimum) asbestos awareness training can perform this work.

Example job tasks:

- Cutting through joint compound (no greater than four-inch by four-inch) to patch holes in walls or ceilings.

## **PROCEDURE**

### **1. Setup the work area:**

- Remove all loose and unnecessary items from the work area to avoid contamination;
- Setup a barrier using “Caution Tape” to restrict access to the work area;
- Place plastic sheeting (secured with duct tape) under the work area and over other surfaces in the work area; and
- Don the proper personal protective equipment (i.e., nitrile gloves and safety glasses).

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**2. Perform the work:**

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Carefully cut the hole into a repairable four-inch by four-inch square with the handsaw holding a designated High-Efficiency Particulate Air (HEPA) vacuum close to the saw, or use duct tape to hold the hose in place;
- Place any debris into a 30-gallon heavy duty black garbage bag;
- Use a designated HEPA vacuum to clean the hole and surrounding area;
- Wipe down the area with a wet cloth; and
- Install a new piece of sheetrock.

**I have reviewed the facility's Asbestos Operations and Maintenance (O&M) Plan or Asbestos Management Plan (AMP) to assess the work area. The scope of work for this project does not involve the disturbance of joint compound containing greater than or equal to 1% asbestos. I have also reviewed and understand this procedure and have received asbestos awareness training within the last year.**

**Worker Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Asbestos Awareness Training Date:** \_\_\_\_\_

SUBJECT: DRILLING A TWO-INCH DIAMETER HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	REFERENCE: GEN-28-00
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## **BACKGROUND**

Joint compound containing a trace amount (less than or equal to 1%) of asbestos is not considered asbestos containing material (ACM) by the New York State Department of Labor (NYS DOL). However, the Occupational Safety and Health Administration (OSHA) requires that workers are protected when potentially exposed to any level of asbestos. Workers must either wear respiratory protection, or the employer must perform a Negative Exposure Assessment (NEA). An NEA is an assessment of asbestos exposure which demonstrates that employees are not exposed to airborne levels of asbestos fiber in excess of OSHA Permissible Exposure Limits (PELs) while performing a particular task.

An NEA was performed for the task of cutting a two-inch hole through joint compound containing less than 1% asbestos. The NEA confirmed that New York State Office of Mental Health (NYSOMH) workers can maintain exposure levels below the OSHA PELs while cutting a two-inch hole into joint compound containing a trace amount of asbestos by following the procedures described herein. Any NYSOMH employee that has completed (at minimum) asbestos awareness training can perform this work.

Example job tasks:

- Cutting a two-inch hole to install lighting or other fixtures, cable, wire, conduit, or anything else that can fit through a two-inch hole.

## **PROCEDURE**

### **1. Setup the work area:**

- Remove all loose and unnecessary items from the work area to avoid contamination;
- Setup a barrier using “Caution Tape” to restrict access to the work area;
- Place plastic sheeting (secured with duct tape) under the work area and over other surfaces in the work area; and
- Don the proper personal protective equipment (i.e., nitrile gloves and safety glasses).

SUBJECT: DRILLING A TWO-INCH DIAMETER HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	REFERENCE: GEN-28-00
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## 2. Perform the work:

### a. Wet methods without a shrouded two-inch diameter hole saw:

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Using a drill set on low speed with a two-inch diameter hole saw bit, slowly drill through the joint compound holding a designated High-Efficiency Particulate Air (HEPA) vacuum close to the saw bit, or use duct tape to hold the hose in place;
- Use a designated HEPA vacuum to clean the hole and surrounding area; and
- Wipe down the area with a wet cloth.

### b. Wet methods with a shrouded two-inch diameter hole saw:

- Using a spray bottle or cloth, thoroughly wet the area where work will occur. Super Water Wetter from Abatement Technologies Inc. (or a comparable alternative) must be used as the wetting agent;
- Using a drill with a two-inch diameter hole saw bit set on low speed with the shroud in place, carefully drill the hole holding a designated HEPA vacuum near the shroud, or use duct tape to hold the hose in place;
- Holding the designated asbestos HEPA vacuum close to the shroud, slowly lower the shroud from the ceiling;
- Use a designated HEPA vacuum to clean the shroud;
- Clean the shroud with a cloth wetted with Super Water Wetter;
- Use a designated HEPA vacuum to clean the hole and surrounding area; and
- Wipe down the area with a wet cloth.

<b>SUBJECT:</b> DRILLING A TWO-INCH DIAMETER HOLE THROUGH JOINT COMPOUND CONTAINING TRACE AMOUNTS OF ASBESTOS	<b>REFERENCE:</b> GEN-28-00
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**I have reviewed the facility's Asbestos Operations and Maintenance (O&M) Plan or Asbestos Management Plan (AMP) to assess the work area. The scope of work for this project does not involve the disturbance of joint compound containing greater than or equal to 1% asbestos. I have also reviewed and understand this procedure and have received asbestos awareness training within the last year.**

**Worker Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Asbestos Awareness Training Date:** \_\_\_\_\_