Asbestos Awareness

POLICY

Hawk Energy, LLC will ensure that no employee is exposed to an airborne concentration of asbestos in excess of 0.1 fiber per cubic centimeter of air as an eight (8)-hour time weighed average (TWA) and to no more than 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of 30 minutes. Determinations of employee exposure shall be made from breathing zone air samples.

Hawk Energy, LLC has implemented this policy to ensure no employee is exposed to airborne concentrations of asbestos at levels in excess of permissible exposure limits (PEL). Asbestos exposure poses adverse health effects including respiratory disease and various types of cancer. Exposure to asbestos has been shown to cause lung cancer, asbestosis, mesothelioma and cancer of the stomach and colon.

David Slim shall be considered the competent person(s) responsible for ensuring the following training, engineering controls and safe work practices are implemented and enforced.

TRAINING

Hawk Energy, LLC shall provide training to all employees who are exposed, or potentially exposed, to airborne concentrations of asbestos at or above PEL and assures employee participation.

Employees shall be provided adequate information and instruction on proper respirator use, personal protective equipment (PPE) and their limitations.

Employees whose work activities involve asbestos abatement or removal of asbestos will be trained in the proper safe work practices prior to or at the time of their initial assignment where asbestos is present and annually thereafter.

Employees whose work activities are not involved in asbestos abatement or removal operations but have the potential to be exposed to asbestos in the performance of their jobs will be provided asbestos awareness training.

The training program will be conducted in a manner that employees are able to understand and will address the health effects associated with exposure to asbestos to include asbestosis, mesothelioma, colon cancer, cancer of the stomach and the relationship between smoking and exposure to asbestos producing lung cancer. Employees will be informed during training to not disturb asbestos containing material.

A certificate of training will be provided and maintained.

POTENTIAL ASBESTOS LOCATIONS

During asbestos awareness training, the following will be identified as possible locations where employees may be exposed to asbestos while performing their job duties. Asbestos materials are used in the manufacturing of heat-resistant clothing, automotive brake and clutch linings and a variety of building materials including insulation, soundproofing, floor and ceiling tiles, roofing felts, fire-resistant drywall, pipe and boiler insulation materials, pipeline wrap and in sprayed-on materials located on beams, in crawlspaces and between walls.

Hawk Energy, LLC will keep an accurate record of all measurements taken to monitor employee exposure to asbestos the objective data reasonably relied upon to support exemption medical surveillance for each employee and, training.

Safety data sheets for all hazardous materials are available to employees at the company office. An inventory of presumed asbestos containing material (PACM) and asbestos containing material (ACM) is also maintained at the company office. The inventory is provided to all employees and contractors working in the inventoried areas.

Examples of "friable" or "non-friable" asbestos include:

- Friable means that the material can be crumbled with hand pressure and so is then likely to emit fibers. The fibrous or fluffy sprayed-on materials used for fireproofing, insulation, or sound proofing are considered to be friable and readily release airborne fibers if disturbed.
- Materials such as vinyl-asbestos floor tile or roofing felts are considered non-friable and generally do not emit airborne fibers unless subjected to sanding or sawing operations.
 Asbestos-cement pipe or sheet can emit airborne fibers if the materials are cut, abraded, or sawed, or if they are broken during demolition operations.
- All appropriate regulation signs and labels will be posted in areas of potential exposure to asbestos.
- Hawk Energy, LLC employees will abide warning signs and labels and will not disturb the
 Asbestos Containing Material. Signs and labels will identify the material which is present, its
 location and appropriate work practices which, if followed, will ensure that ACM and/or PACM
 will not be disturbed. David Slim will ensure that employees working in and adjacent to
 regulated areas comprehend the warning signs.

The regulation warning signs will bear the following information:

 Warning signs that demarcate the regulated area will be provided and displayed at each location where a regulated area is required to be established. Signs will be posted at such a distance from such a location that an employee may read the signs and take necessary protective steps before entering the area marked by the signs.

Where the use of respirators and protective clothing is required in the regulated area, the warning signs will include the following:

 Hawk Energy, LLC will ensure that employees working in and contiguous to regulated areas comprehend the required warning signs that are posted. Means to ensure employee comprehension may include the use of foreign languages, pictographs and graphics.





• Labels will be affixed to all products containing asbestos and to all containers containing such products, including waste containers.

- Where feasible, installed asbestos products will contain a visible label.
 - Labels will be printed in large, bold letters on a contrasting background.
 - Labels will be used in accordance with the requirements of §1910.1200 of OSHA's Hazard Communication standard and will contain the following information:



Regular monitoring of air quality in work areas will be provided to ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) in 30 minutes.

Employees exposed to airborne concentrations, at or above the TWA PEL shall be initially monitored. After the initial determinations, samples shall be of such frequency and pattern as to represent with reasonable accuracy the levels of exposure of the employees (no greater than six (6) months if exposures may exceed the TWA PEL).

The Company shall institute the exposure monitoring whenever there has been a change in the production, process, control equipment, personnel or work practices that may result in new or additional exposures above the TWA PEL.

Air quality will be determined from breathing zone air samples. The samples will be representative of the eight (8)-hour TWA and 30-minute short-term exposure. Measurement records of all monitoring tests will be kept available at the company office.

Within 15 working days after the receipt of the results of any monitoring, Hawk Energy, LLC will notify any affected employee of these results. The written notification will contain the corrective action being taken to reduce employee exposure to or below the TWA and/or excursion limit.

MEDICAL SURVEILLANCE

- The medical surveillance program for employees who potentially may be exposed to asbestos at or above the action level or PEL will be provided under the supervision of a licensed physician at no cost to the employee.
- The medical surveillance program is provided to ensure employees are not exposed to hazardous levels of asbestos in accordance with §1926.1101. Appendices A and B of this document are available to all employees at the Company office.

EXPOSURE CONTROL AND PPE

- If the TWA and/or excursion limit is exceeded, this written program to reduce employee exposure will be implemented. Engineering controls and work practices will be implemented to reduce/maintain the exposure below TWA.
- Reducing exposure levels will be accomplished by means of engineering controls, work practice
 controls and the use of respiratory protection. Engineering and work practice controls will
 include exhaust systems for hand tools, wet methods, clean-up procedures and PPE. This will
 be done except to the extent that such controls are not feasible.

- Respirators will be used during installation or implementation of feasible engineering and work
 practice controls, work operations for which engineering and work practice controls are not
 feasible, work operations for which feasible engineering and work practice controls are not
 sufficient to reduce employee exposure to or below the TWA and or excursion limit, and in
 emergencies. The employer must implement a respiratory protection program which covers
 each employee required to use a respirator.
- Hawk Energy, LLC will provide, at no cost to the employees, respirators that meet National Institute of Occupational Safety and Health (NIOSH) approval. Powered, air-purifying respirators will be available when employees choose to use this type, or when the respirator will provide adequate protection.
- Hawk Energy, LLC will issue specific PPE to employees involved with asbestos removal and abatement.

ASBESTOS REGULATED AREAS

Employees are informed of all regulated areas and are properly trained in entrance procedures, safety requirements and practices while in regulated areas.

All Class I, II and III asbestos work will be conducted within regulated areas. All other operations will be conducted within a regulated area where airborne concentrations of asbestos exceed, or there is a reasonable possibility they may exceed a PEL.

Regulated areas will comply with the following requirements:

- Be clearly demarked from the rest of the work area in a manner that protects people outside the area from potentially being exposed to asbestos. Barriers and negative pressure enclosures may be used to separate the regulated area from the rest of the work area.
- Utilize provided signage and display in designated areas that are under regulation.
- Limit access only to authorized employees.

All persons entering a regulated area where employees are required to wear respirators will be supplied with a regulation respirator.

- David Slim will ensure that employees do not eat, drink, smoke, chew tobacco or gum, or apply cosmetics in the regulated area.
- David Slim will ensure that all asbestos work performed within regulated areas is supervised by a Competent Person.
- The Hawk Energy, LLC Respiratory Protection Program and required respiratory protective equipment is provided at no cost for all employees with potential for exposure to asbestos.
- In the event of an emergency where airborne hazardous materials are released at hazardous levels, employees not wearing sufficient PPE for the situation will be immediately evacuated to a safe area until the hazard is contained.
- Adequate ventilation and appropriate engineering controls will be ensured in all enclosed work areas.
- Employees will wear appropriate PPE at all times while in work areas. This PPE will include proper eye/face protection in accordance with §1910.133 where appropriate.

- When airborne concentration of asbestos is above the TWA, appropriate PPE will be provided.
 PPE will include coveralls, gloves, head coverings, foot coverings, face shields and vented goggles.
- If an employee is exposed to asbestos above the TWA and/or excursion limit, or where the possibility of eye irritation exists, the employer shall provide at no cost to the employee and ensure that the employee uses appropriate protective work clothing and equipment.

David Slim will ensure that the negative pressure respirators fit properly and are checked annually to make sure that the respirator continues to fit properly. Employees wearing negative pressure respirators will have either quantitative or qualitative fit tests; the qualitative fit tests may be used only for testing the fit of a half mask. David Slim will supervise this testing.

All employees who perform work in regulated areas are covered by this program. Employees who perform housekeeping activities during and after construction activities are covered by the asbestos construction standard.

Hawk Energy, LLC employees will be protected from exposure when working on multi-contractor worksites. If employees working immediately adjacent to a Class I asbestos job are exposed to asbestos due to the inadequate containment of such job, David Slim will either remove the employees from the area until the enclosure breach is repaired; or perform an initial exposure assessment pursuant to 1926.1101(f).

SAFE PRACTICES

Hawk Energy, LLC will ensure all employees adhere to the following safe working practices

Hygiene and Change Rooms

Hawk Energy, LLC will provide clean change rooms for employees who work in areas where their airborne exposure to asbestos is above the TWA and/or excursion limit. Hawk Energy, LLC also will ensure employees shower at the end of the work shift. Hawk Energy, LLC will ensure that no employee takes contaminated work clothing out of the change room, except those employees authorized to do so for the purpose of laundering, maintenance, or disposal.

Housekeeping

All surfaces shall be maintained as free as practicable of ACM waste and debris and accompanying dust.

Chemicals with Potential Spill of Release List

Product or Brand Name	Manufacturer	Hazardous Ingredient

Respirator Inspection Record

Owner Information								
Owner Name:								
Company Name:								
Employee ID # (if applicable)		Department				Work Phone:		
Respirator Information								
Type of Respirator:								
		Dandal H.				Date of Inspection:		
Manufacturer:		Model #:				Date of Inspection:		
Respirator ID#:		Size #:				Time:		
Inspection Criteria								
Estimated Frequency (Check all that ap	ply):							
☐ Hourly ☐ Twice Each Shift	☐ Daily	☐ Weekly		Monthl	y 🗆 Befo	ore Use	☐ After Use	
This Inspection is being conducted:		□ PRIOR to use □ AFTER use		ER use	Initials:			
Component	Defects Fo	ound		I.	Corrective Action Taken			
Cartridge Holder								
Cartridge Threads/Fittings								
Cartridge Canister								
Cartridge Filter								
Connections								
Elastomeric Parts Deteriorating?								
Elastomeric Parts Pliable?								
Exhalation Valve Assembly								
Facepiece								
Gaskets								
Harness Assembly								
Headbands								
Hose Assembly								
Inhalation Valve								
Nose Cup Valves								
Speaking Diaphragm								
Other								
Comments:								
Inspector's Name:			Title:					
Signature:				Date				
Form Retention Information Atta					Attachmer	nts		
Retention File Location				☐ Yes ☐ No				
Date Filed	Filed By:			□ *See Fo	ee Following Pages			

TRAINING RECORD

Trainer:					
Signature:					
Date:					
Content of Training:					
Attendees					
Print Name:	Signature:				