

Fletcher

Product
Newsletter

J. H. Fletcher & Co.

HUNTINGTON, WEST VIRGINIA

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CANOPY CERTIFICATION JUST WHAT IS THE LAW?

Title 30, part 75.1710 of the Code of Federal Regulations states that all self-propelled electrical face equipment must be equipped with substantially constructed canopies or cabs. These structures must protect the miner from falls of roof, face or rib, or from rib and face rolls, when he is at the operating controls of the equipment. The requirements of this paragraph apply to equipment that is working in areas with an average height of over 42 inches.

Overhead protection, such as provided by canopies, will always be required in working heights of over 42 inches. Lateral protection, such as provided by cabs, may be necessary only where rib problems are prevalent. In the case of a roof bolter, canopies are required at the main tram controls and at the drilling controls. Canopies are not required by MSHA at the ATRS controls because the operator is only at this position for short periods of time. In most cases a canopy at this location would impede visibility and the ability to position the machine and the ATRS properly.

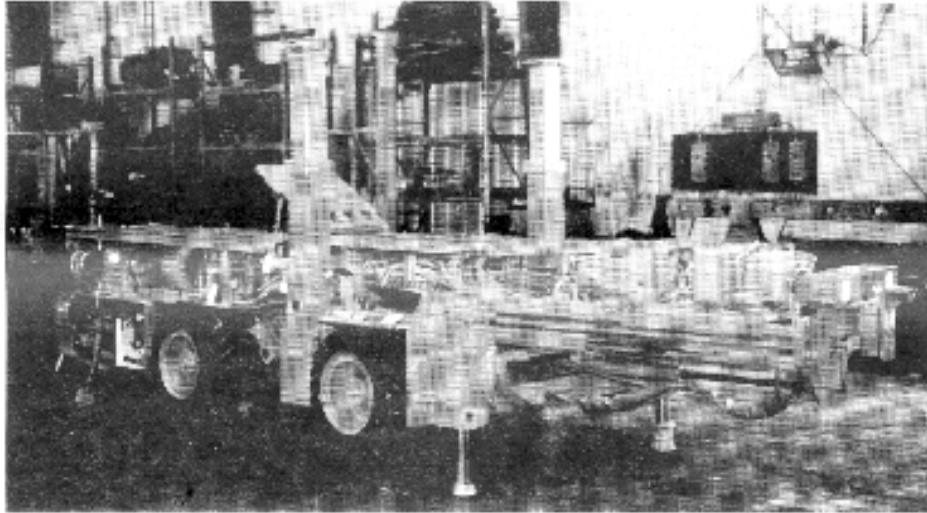
Canopies are not approved or certified by MSHA. They are certified by a registered professional engineer, usually an employee of the manufacturer, to elastically support a dead weight load of 18,000 lbs. or 15 psi. uniformly distributed over the area of the structure. Each certified structure must have a plate or label attached which indicates that the canopy meets the requirements of the law. Written evidence that the structure is certified must also be retained by the operators.

The requirement that the structure elastically support the required load is very significant. This means that the canopy may not take a permanent set if it is loaded. If a canopy structure is bent it is no longer a certified structure even if it did not break or fail. Another important point to remember is that any repairs or modifications to a structure of this type may void the certification. All repairs or modification must be performed by the certifying agent or his authorized representative.

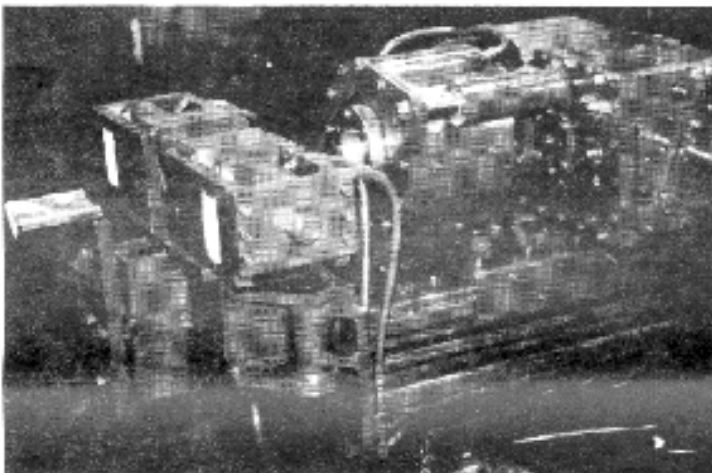
As was mentioned before, all machines operating in seams of over 42 inches must have canopies. Many times operators think that if they have an approved ATRS system they do not need a canopy. This is not true. Canopies are required by one section of the law and roof support systems are required by another section. In short, all roof drills are required to have both by law. Under 75.710-1(f) there is a way that it may be possible to use a roof drill without a canopy at the drilling controls only. The operator may apply to the Director of Technical Support at Mine Safety and Health Administration, Department of Labor, 4015 Wilson Blvd., Arlington VA 22203, for approval to use an ATRS in lieu of a canopy. This application must be made by the operator, not the machine manufacturer. This type of approval is not automatic and will only be granted if the Director feels that the conditions in that particular mine warrant this type of operation.

Many times the representative of Technical Support will ask for modifications to the ATRS system before granting approval. J.H. Fletcher & Co. engineers are always available to work with Technical Support and the operators in developing a system that will satisfy all parties.

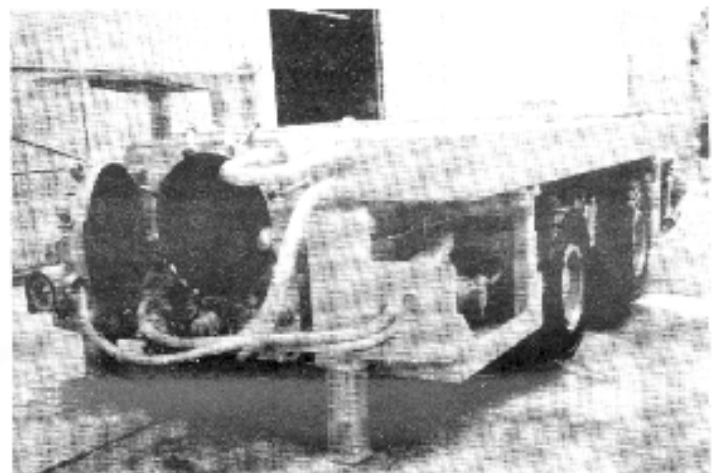
LONGHOLE DRILL



Drill Unit



Drill Head



Tender Car

If you need to drill horizontal holes up to 3000 feet in advance of the face for exploration, methane drainage or dewatering, J.H. Fletcher & Co. has a drilling system that could help.

The drilling system consists of a drill car and a tender car. During drilling operations, the drill receives hydraulic power and flushing water from a remotely positioned tender car.

Depending on the application, the drill can be built with capacities of up to 4000 ft. lbs. of rotation torque and 50,000 lbs. of feed thrust.

For further information about this equipment, please contact Bill Ellis or Bob Stock in our Sales Department.

WARNING TAGS

J.H. Fletcher & Co. encourages the use and maintenance of warning labels on all equipment. Warning tags are an essential component in accident prevention. J.H. Fletcher & Co. currently offers the basic tags featured below in durable, easy maintenance metal at a minimal charge. For ordering information, please contact our Service Department at 304-525-7811, extension 209.



WARNING

DO NOT ATTEMPT TO OPERATE THIS MACHINE UNLESS YOU HAVE READ THE OPERATOR'S MANUAL AND HAVE COMPLETED THE REQUIRED TASK TRAINING.

BEFORE STARTING MOTOR(S):
Check the area around the machine for hazards - roof, ribs, floor and methane gas. Eliminate safety hazards before continuing.
Make sure the machine is in safe operating condition. Make sure all safety devices are present and operating correctly.
Check control levers for free operation and make sure they are all in the OFF or NEUTRAL position before starting the motor(s).

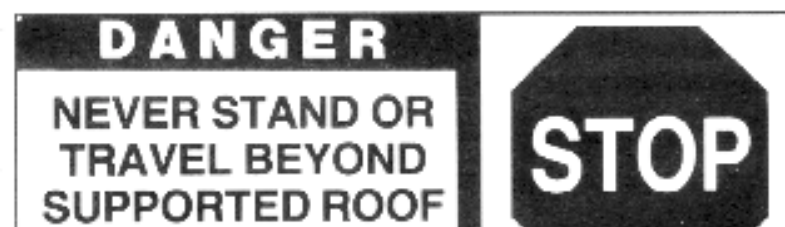
AFTER STARTING MOTOR(S):
Test all panic bars for proper operation.
Carefully operate all controls to make sure they control the correct machine function and operate in the proper direction at normal speed.

BEFORE LEAVING THE MACHINE:
Empty dust collectors and clean or replace filter elements if required.
Park the machine in a safe location, under permanently supported roof with wheels blocked or machine angled against the rib to prevent rolling.
Fully lower all moving parts, turn machine circuit breaker OFF and turn off power to the machine at the power center.
Report any hazardous or unsafe condition to your supervisor immediately.

GENERAL SAFETY REMINDERS:
Repairs and adjustments on this machine are to be made only by trained and authorized personnel. Incorrect or unauthorized adjustments can result in equipment damage, personal injury or even death. Refer to the Maintenance and Parts manual for complete information.
Before performing maintenance, repair or inspection always fully lower or securely block moving parts and lock out electrical power.
Do not make unauthorized machine modifications or utilize repaired or replacement parts which do not meet original manufacturer's specifications.

This and all other safety notices must be maintained on the machine at all times - **DO NOT REMOVE THIS NOTICE** replace as required.

J.H. Fletcher & Co. Part No. 12244

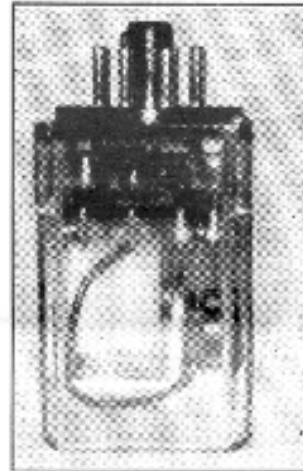


IMPORTANT SAFETY NOTICE

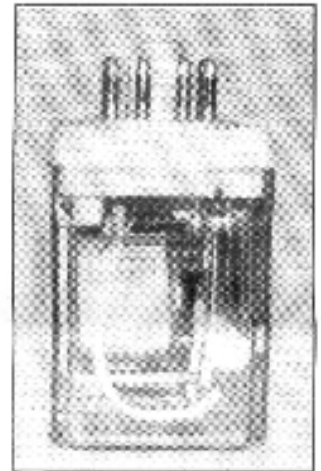
All J.H. Fletcher & Co. roof bolters manufactured from February, 1978 through September, 1990, incorporated a MP130A slave relay (see photographs) unit which is part of the emergency shut down circuit. The MP130A slave relay was not manufactured by either J.H. Fletcher & Co. or Service Machine Co. However, the MP130A slave relay has caused two (2) emergency shut down system failures. The investigation of these failures disclosed a manufacturing defect in the MP130A slave relay. In order to positively eliminate any risk of accident arising from the defect, we are now undertaking a recall of this relay.

Due to the importance of the MP130A slave relay in the emergency shut down system, J.H. Fletcher & Co. and Service Machine Co. consider it of vital importance that all relays which might have a latent defect be replaced immediately to reduce the risk of injury or death to personnel.

If you have not received a notification letter on the relay recall from J.H. Fletcher & Co., please contact David Cooper at 304-525-7811, ext. 240.



The plug base and internal plastic components are black inside a clear dust cover.



The plug base and internal plastic components are white inside a yellow dust cover.

The information contained in this newsletter has been obtained from sources believed to be reliable, and the editors have exercised reasonable care to assure its accuracy. However, J.H. Fletcher & Co. does not guarantee that contents of this publication are correct, and statements attributed to other sources do not necessarily reflect the opinion or position of J.H. Fletcher & Co.

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FREE SUBSCRIPTION FORM

Name _____ Job Title/Description _____

Company _____ Address _____

City _____ State _____ Zip _____

Phone _____ **J.H. Fletcher & Co.**

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