



SAFE Systems, Inc.

Technical Bulletin

#6911 0000

Electric Deadman Switch



WARNING

Read and follow ALL instructions before using this equipment.

Failure to comply with ALL instructions can result in serious injury or death.

In the event that the user, or any assistants of the user of this equipment cannot read or cannot completely understand the warnings and information contained in these instructions, the employer of the user and his assistants must thoroughly educate and train them on the proper operation and safety procedures of this equipment.

NOTICE TO PURCHASERS AND USERS OF OUR PRODUCTS AND THIS INFORMATIONAL MATERIAL:

The products described in this material, and the information relating to those products, is intended for knowledgeable, experienced users of abrasive blasting equipment.

No representation is intended or made as to the suitability of the products described herein for any particular purpose or application. No representations are intended or made as to the efficiency, production rate, or the useful life of the products described herein. Any estimate regarding production rates or production finishes are the responsibility of the user and must be derived solely from the user's experience and expertise, and must not be based on information in this material.

The products described in this material may be combined by the user in a variety of ways for purposes determined solely by the user. No representations are intended or made as to the suitability or engineering balance of the combination of products determined by the user in his selection, nor as to the compliance with regulations or standard practice of such combinations of components or products.

Abrasive blast equipment is only a component of the range of equipment used in an abrasive blasting job. Other products may include an air compressor, abrasive, scaffolding, hydraulic work platforms or booms, paint spray equipment, dehumidification equipment, air filters and receivers, lights, ventilation equipment, parts handling equipment, specialized respirators, or equipment that may have been supplied by others. Each manufacturer and supplier of the other products used in the abrasive blasting job must be contacted for information, training, instruction and warnings with regard to the proper and safe use of their equipment in the particular application for which the equipment is being used. The information provided by SAFE Systems is intended to provide instruction only on SAFE Systems' products. All operators must be trained in the proper, safe use of this equipment. It is the responsibility of the users to familiarize themselves with, and comply with, all appropriate laws, regulations and safe practices that apply to the use of these products. Consult with your employer about training programs and materials that are available.

SAFE Systems, Inc. is proud to provide a variety of products to the abrasive blasting industry, and we have confidence that the professionals in our industry will utilize their knowledge and expertise in the safe, efficient use of these products.

This bulletin covers the installation, operation and maintenance of the SAFE Systems Deadman Switch, #6911-0000.

Keep this manual for future reference! For further information contact:

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GENERAL INSTRUCTIONS

DO NOT modify or substitute any SAFE Systems' parts with other types or brands of equipment.

Described herein are some, BUT NOT ALL, of the major requirements of safe and productive use of SAFE Systems deadman remote control systems. Completely read ALL instruction manuals prior to using equipment.

The user's work environment may include certain HAZARDS related to the abrasive blasting operation. Proper protection for the blaster, as well as anyone else that may be exposed to the hazards generated by the blasting process, is the responsibility of the user and/or the employer. Operators MUST consult with their employer about what hazards may be present in the work environment including, but not limited to, exposure to dust that may contain TOXIC MATERIALS due to the presence of silica, cyanide, arsenic or other toxins in the abrasive, or materials present in the surface to be blasted such as lead or heavy metals in coatings. The environment may also include fumes that may be present from adjacent coatings application, contaminated water, engine exhaust, chemicals and asbestos. The work area may include PHYSICAL HAZARDS such as an uneven work surface, poor visibility, excess noise and electrical hazards. The operator MUST consult with his employer on the identification of potential hazards, and the appropriate measures and precautions that must be taken to protect the blaster and others that might be exposed to these hazards.

ALL machines, components and accessories MUST be installed, tested, operated and maintained only by trained, knowledgeable, experienced users.

HAZARD ALERTS

Certain signal words are used in this and other literature by SAFE Systems. The words are based on ANSI Z535.2-1991 and used to alert the user of potentially hazardous situations that may be encountered while operating this equipment. ANSI's definitions of the signal words are as follows:

NOTICE: "Notice" is used to indicate a statement of company policy as the message relates directly or indirectly to the safety of personnel or protection of property.

CAUTION: "Caution" is used to indicate a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

WARNING: "Warning" is used to indicate a potentially hazardous situation which, if not avoided, could result in death or serious injury.

DANGER: "Danger" is used to indicate an imminently hazardous situation which, if not avoided, will result in death or serious injury.

BLAST MACHINES AND REMOTE CONTROLS



WARNING: Blast operators and others working in the vicinity of abrasive blasting must always wear properly-maintained, NIOSH-approved, respiratory protection appropriate for the job site hazards.



WARNING: DO NOT USE abrasives containing more than one percent crystalline (free) silica. Ref. NIOSH Alert #92-102. Inhalation of toxic dust (crystalline silica, asbestos, lead paint and other toxins) can lead to serious or fatal disease (silicosis, asbestosis, lead or other poisoning).



WARNING: ALWAYS equip abrasive blast machines with remote controls. NEVER modify or substitute remote control parts. Parts from other manufacturers are NOT compatible with SAFE Systems equipment. If controls are altered, involuntary activation, which may cause serious injury, can occur.



WARNING: Point nozzle ONLY at the workpiece being blasted. High velocity abrasive particles WILL inflict serious injury. Keep unprotected workers OUT of blast areas.