

Author:	Karen H. Goodall	Revision #:	1
Approved by:	Len Sanderson	Date Issued:	October 1, 2004

SAFE OPERATING PROCEDURES

Abrasive and Waterblast Cleaning

SOP 11A-1

Hazard Review

Noise	Debris Hazard to Eyes and Uncovered Skin	Burns
Crushing	Caustic or Volatile Hydrocarbon Liquids	Pinching and Cutting
Noxious or Irritating Fumes	Moving Equipment	High Pressure Air or Liquids
Slip, Trip and Fall	Lifting	

Required Personal Protective Equipment (PPE)

Safety Vests	Hard Hat	Hearing Protection
Protective Clothing	Safety Shoes	Gloves
Safety Glasses/Safety Goggles/Face Shield		

-
1. Know and follow the manufacture’s procedure for operation of this equipment
 2. Review Safe Operating Procedures for applicable equipment and perform pre-operational checks.
 3. Check for fluid leaks at the fitting area before the equipment is put into use.
 4. Check the trigger lock, and tighten thread connections before each operation. If the trigger lock is faulty or damaged, do not use the spray gun.
 5. Check for worn, damaged, perforated, or weakened hoses before using the equipment. If any defects are found, the unit shall be taken out of service until the equipment unit can perform repairs.
 6. Shield work area or exclude unprotected personnel from air or water-borne debris.
 7. Determine safe routing for electrical cords, air lines and hoses to prevent tripping hazards and unnecessary exposure to ruptured lines
 8. Ensure that the wash down gun is always pointed away from another person.
 9. Keep hand and body parts away from the spray nozzle tip.
 10. Always use two hands and have a secure body stance during spraying operations.
 11. Use the lowest rated operating pressure to get the job done and never exceed the maximum rated operation pressure.
 12. Never use the spray gun without the spray nozzle or tip installed.
 13. Equipment shall be de-pressurized before leaving it unattended.
 14. Keep the gun handle clean and dry to allow for positive grip.
 15. Avoid touching metal parts of the gun when spraying hot liquids; otherwise, severe injury can occur.
 16. DE-ENERGIZE all equipment by shutting it off, setting the trigger in the locked position and drain the fluid in the hose and gun before attempting to remove the spray nozzle or tip.
 17. Where differences in elevation exist, wash out driveway pipes from the low to the high end.
 18. If use in a potentially explosive or flammable environment, proper ventilation must be provided and the gun must be properly grounded.

Author:	Karen H. Goodall	Revision #:	1
Approved by:	Len Sanderson	Date Issued:	October 1, 2004

19. In case of skin penetration from the spray, immediately contact you supervisor. Always seek medical assistance if skin penetration from the spray occurs.
20. Only the equipment unit is authorized to perform maintenance repairs on this equipment.
21. Review and follow the SOP's for Trailers and Towed Equipment. (Chapter 12-B)

Related SOP's

General SOP's.....Chapter 10	Hazardous Waste Handling and Storage..... 11E-5
Crane/Dragline..... 12A-4	Forklift12A-6