



LAUSD-OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY

JOB SAFETY ANALYSIS

OPERATING A BELT, ORBITAL OR OSCILLATING SANDER

General Precautions: Inspect equipment before each use. Do not wear loose clothing or jewelry.

Required Personal Protective Equipment (PPE)*

Safety goggles, gloves, work boots, hearing protection, dust mask and safety vest

Required Training

Safe use of equipment, PPE



*Additional training and PPE may be required depending on the scope of the activities to be performed with piece of equipment, including but not limited to eye and hand protection or electrical safety. All construction areas must be demarcated and barricaded.

TASK	HAZARDS	CONTROLS
1. Equipment inspection	Laceration Abrasion Dust inhalation	Ensure tool is unplugged when inspecting equipment. Make sure guards are in place and secure. Make sure all attachments are well fitted and secure. Empty dust reservoir prior to operation.
2. Preparing for work	Struck-by Laceration Abrasion Electrocution	Check material for nails, staples, etc., and remove. Use vice grips or clamps to secure and support work when working with material that may move. Do not wear loose clothing that could get caught in moving parts. Frayed or damaged cords must be removed from service. For sanders with an electrical plug, ensure it is properly grounded using a 3-prong plug and outlet. Do not use cords that have a grounding terminal broken off. The use of Ground Fault Circuit Interrupter (GFCI) is recommended. However, GFCI is required when working near water sources. To avoid accidental starting, make sure grinder is in "off" position before plugging it in or installing a battery.

3. Operating equipment	Struck-by Flying dust and debris in eyes. Electrocution Laceration Muscle strain.	Position body to maintain balance. Avoid twisting and overextending. Do not apply excessive force. Let the sander reach its optimal speed and apply force gradually. Do not allow moving parts to touch the electrical cord or any part of the body. Do not lay the sander down while the disk/belt is still moving. Always unplug the sander before making any adjustments. Keep hands and fingers away from moving parts. Make sure guards are in place. Follow manufacture's recommendations for use and care.
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I have received, read and understood the contents of this JSA and have also acquired the aforementioned required training.

NAME:	
DEPARTMENT:	
JOB TITLE:	
EMPLOYEE ID:	
DATE:	
SIGNATURE:	

For more information about this JSA, contact the *Office of Environment, Health and Safety* at LAUSD, 333 South Beaudry Avenue, 21st Floor, Los Angeles, CA-90017
213-241-3199 • <http://achieve.lausd.net/oehs>