



West Bay Sanitation District Code of Safe Practice

FOR IMMEDIATE RELEASE
Initial date: June 01, 2012

Questions or comments regarding
this Code of Safe Practice should be
directed to the Regulatory
Compliance Coordinator.

Heavy Equipment, Backing Operation

Operation of heavy equipment such as excavators, loaders, graders, backhoes, dump trucks and bulldozers should only be performed by highly skilled and trained operators who possess the ability and necessary skills to operate safely. Ground-based workers should be trained in how to work safely around heavy equipment. Unsafe practices by either operator or ground crew can create very dangerous situations and serious injury can occur.

SAFETY RULES COMMON TO BOTH OPERATORS AND GROUND CREW PERSONNEL

- Review and understand the manufacturer's operator and maintenance manual before operating this equipment.
- Never leave the equipment unattended with the engine running.
- Operators and ground crew personnel should use standardized hand signals.
- Operators should always know exactly where ground crew workers are.
- Ground crew workers should wear high-visibility vests meeting the requirements of ANSI/ISEA 107-2004 Standard for High-Visibility Apparel.
- All equipment, including trailers, should have an operable, audible back-up warning device.
- Equipment must have rollover protection structures (ROPS). This is a Cal-OSHA requirement.
- Equipment must be equipped with seat belts which must be worn any time the equipment is moving.
- Equipment must be operated up and down slopes, never across the slope.
- Operators should use extreme caution when operating in the area of an open excavation.

- Operators should always operate heavy equipment at the appropriate speed conducive with the hazards of the area including pedestrian workers (ground crew) traffic.
- All personnel should wear hearing protection as appropriate for the noise level of the equipment being operated.
- Operators must adhere to the “three-point” rule when mounting or dismounting of heavy equipment. (This “rule” means having two hands and one foot, or one hand and both feet in contact with the machine or ladder at all times.) No jumping.
- The operator should conduct a pre-shift inspection of the equipment, especially the steering and brake system.
- Qualified maintenance personnel, in accordance with the manufacturer’s recommendations, should regularly conduct safety inspections of the entire machine.

PERSONAL PROTECTIVE EQUIPMENT

Protection Area	PPE Required
Eye	Operator – Wear safety glasses with side shields or goggles. Ground – Wear safety glasses or goggles as appropriate to the location on the work site.
Face	Operator – None required. Ground – None required.
Hand	Operator – Work gloves. Ground – None required.
Head	Operator – Must wear ANSI approved hardhat when leaving equipment when there is a head injury issue. Ground – Must wear ANSI approved hardhat whenever on the construction site.
Foot	Operator – Safety steel or composite toe safety shoes or boots. Ground – Safety steel or composite toe safety shoes or boots.
Body	Operator – Appropriate clothing to protect heavy equipment worker. Ground – Appropriate clothing to protect heavy equipment worker.
HV Apparel	Operator – None required. Ground – Class 2 or 3 High-Visibility Apparel as required by ANSI/ISEA 107-2004.
Respiratory	Operator – None required. Ground – None required, unless required by direct job requirements
Hearing	Operator – Wear earplugs or earmuffs as necessary due to noise level of equipment. Ground – Wear earplugs or earmuffs as necessary due to noise level of equipment.

Ground = Ground Crew Personnel

I, _____ (*print name*) have read and understand the safe work practices listed above and will operate the designated machine in accordance with them, the manufacture’s operating instructions and the supervisor’s instructions.

Signature: _____ Date: _____