POSITION HAZARD ANALYSIS (PHA) FOR USACE EMPLOYEES

1. Name (Last, First, MI) (Print or type)		2. Prepared By (Last, First, MI) (Print or type)
3. Job Series 5334	4. Job Title Marine Machinery Mechanic	5. Date (DDMMMYY)
6. Office Symbol	7. Command	8. Primary Duty Location
9. Reviewed by (SOHO) (Last, First, MI) (Print or type)		10. Reviewed by (SOHO) (Signature)

11. Clearances/Certification Required (Check all that apply)

☐ Diver ☐ Driver's License ☐ Respirator ☐ Crane Operator ☐ CDL ☐ Confined Space Entry

☐ HTRW ☐ First Aid/CPR ☐ EM Ops PRT ☐ Boat Operator ☐ Other (Specify) _____

12. Position Information

Position Tasks	Safety and/or Occupational Health Hazards	Controls
Maintenance/Repair	Compressive foot injuries	Wear appropriate safety shoes/boots that meet ANSI Z 41.
Activities	Ankle injuries	Wear proper field boots with ankle height of at least 4 inches.
	Head injuries	Wear hard hat when exposed to overhead hazards. Hard hats are required to be worn at all times when in Hard Hat Areas.
	Eye injuries	Wear appropriate eye protection as necessary.
	Hand injuries	Wear appropriate gloves as necessary.
	Electrical shock	Ensure equipment is properly maintained and grounded and has GFCI protection. Ensure all extension cords are the correct type and are protected from damage.
	Noise injuries	Wear proper hearing protection devices.
	Slips, trips, falls	Use good housekeeping practices. Be observant of walking/working surfaces.
	Loss of extremities	Wear clothing that will not get caught in machinery. Do not wear jewelry.
	Welding burns/flash	Avoid welding operations. When exposure is unavoidable, wear proper clothing, gloves, and safety goggles.
	Potential fall of over 6 feet	Use positive fall protection.
	Exposure to hazardous wastes	Wear appropriate level of protective clothing and equipment. Be knowledgeable of procedures to follow when at hazardous waste sites.
	Animal/Snake bites	Wear proper field boots or snake chaps. Do not approach animals. Use caution and composure when encountering animals.
	Mobile equipment	Keep alert and out of the way of heavy equipment.
	Suspended loads	Do not enter an area within the radius of swing when there is a suspended load. Obey posted warning signs. Be alert for and obey verbal instructions.
	Exposure to the elements	Wear proper clothing. Be aware of exposure duration and limit duration if necessary. Be knowledgeable of the symptoms of exposure related illnesses.
Travel	Motor vehicle accidents	Obey traffic laws. Adjust vehicle operation to road and weather conditions. Employ defensive driving techniques. Defensive driver training every 4 years.
	Deer and other wildlife strikes	Stay alert, use caution, and drive defensively.

NOTE: Examples of potential hazards are as follows:

Safety: Trenching, electrical, slips, trips, fall hazards, etc..

Chemical: Solvents, paints, welding fumes, pesticides, etc..

Physical: Heat/cold, noise, stress, vibration, radiation, etc..

Biological: Bloodborne pathogens, poison ivy, insects, fungi, etc..

POSITION HAZARD ANALYSIS (PHA) FOR USACE EMPLOYEES

12. Position Information, continued

Position Tasks	Safety and/or Occupational Health Hazards	Controls
	Reduced visibility	Ensure windows/mirrors are free from snow and ice. Drive with headlights on. Reduce speed appropriately.
	Slick, snowy, or icy roads	Use studded or chained tires, reduce speed, and increase following distances.

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POSITION HAZARD ANALYSIS (PHA) FOR USACE EMPLOYEES

12. Position Information, continued

Equipment to be Used (List equipment to be used for each task)	Training Requirements (List training requirements, including hazard communication)

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12. Position Information, continued

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This analysis serves as the hazard assessment required by Sections 01, 05, and 06 of EM 385-1-1, U.S. Army Corps of Engineers Safety and Health Requirements Manual. The employee covered by this analysis has been instructed in the tasks to be performed, the hazards to be encountered, the potential adverse effects of exposure to such hazards and the controls to be used. He/she has received adequate training specifically related to safe work practices, administrative and engineering controls and personal protective equipment (PPE) to be used in order to assure assigned work tasks are conducted in a safe and healthful manner. He/she has demonstrated an understanding of the safety and health equipment and PPE to be used to include its limitations, useful self-life, how to properly don, doff, adjust, and wear required PPE and how to properly care for, inspect, maintain, store, and dispose. Attached is documentation of the training received, dates of such training, and the subject matter taught.

13. Supervisor (Signature Date)	14. Employee (Signature Date)