Job Hazard Analysis

Job Hazard Analysis (JHA) is a systematic method for breaking down a job or activity into basic steps and examining each step for potential hazards. For larger operations, it may be necessary to first break the operation into several activities. For each hazard identified, a means of eliminating or controlling the hazard is developed. A completed JHA can serve as a useful training guide as well.

The guidance below is provided to assist in completion of the suggested JHA from that follows:

Basic Job Steps - List chronologically the steps necessary to accomplish the job.

Hazards - List the tools, equipment, materials, or chemicals used for each job element.

Safe Job Procedure - List those conditions or events which could cause injury, illness, or property loss for each job element.

JOB HAZARD ANALYSIS

UNITED STATES FISH AND WILDLIFE SERVICE

JOB ACTIVITY: Lawnmower operations

PERSONAL PROTECTIVE EQUIPMENT REQUIRED:
Gloves, goggles, hearing protection, safety toed shoes.

QUALIFICATIONS, EXPERIENCE, OR TRAINING REQUIRED:
Experience and/or training in use of tools and equipment.

BASIC JOB STEPS	HAZARDS	SAFE JOB PROCEDURE
Break work down to basic elements (such as remove, lift, carry, stop, start, apply, return, squeeze, cut, weld, saw, walk, hold, grind, place, etc.). Describe what is done -- not how it is done.	For each job step, state what accident could occur and/or what hazard is present. To determine this ask yourself, Can the person fall; overexert; be exposed to burns, fumes, rays, gas, etc.; hit against; be struck by; come in contact with; be caught in, on, or between?	State how each element of work should be performed to prevent the accident or avoid the hazard. What should the person do or not do? Be specific. What precautions should be taken? Ask yourself, What can I do to eliminate, modify, guard, identify, or protect against the potential accident or hazard, including such things as how the worker stands, or holds, uses, carries, dresses, etc.?
I. Prepare mower for operation.	a. Cuts to hands during examination of the blade.	1. Examine the mower to ensure all protective shields are in place. Do not operate the mower until such shields are in place. Wear work gloves when examining the blade.(a,c,d,)
II. Check fuel level.	b. Exposure to gasoline fumes. Possible ignition of gasoline fumes.	2. Store the gasoline in approved containers.(b) 3. Handle oil and gasoline outside of buildings.(b) 4. Fuel the lawnmower out of doors. If the mower has been running, allow the engine to cool for at least 5 minutes before refueling.(b) 5. Immediately wipe all spills.(b) 6. Ensure a suitable fire extinguisher is located near gasoline storage areas or where filling takes place.(b)

BASIC JOB STEPS	HAZARDS	SAFE JOB PROCEDURE
III. Starting the lawnmower engine.	c. Feet may contact the blade. Possibility of slips and/or falls.	7. Keep feet outside of protective shields. Place one foot on mower as a brace. Pull starting cord without jerking the cord.(c)
IV. Lawn mowing.	d. Operator being struck by debris. Bystanders being struck by debris. Blade can become bent or broken.	8. Survey the area to be mowed before mowing operations begin. Remove noticeable debris. Do not operate the mower over irregular surfaces, or fixed objects, curbs, etc.(d)