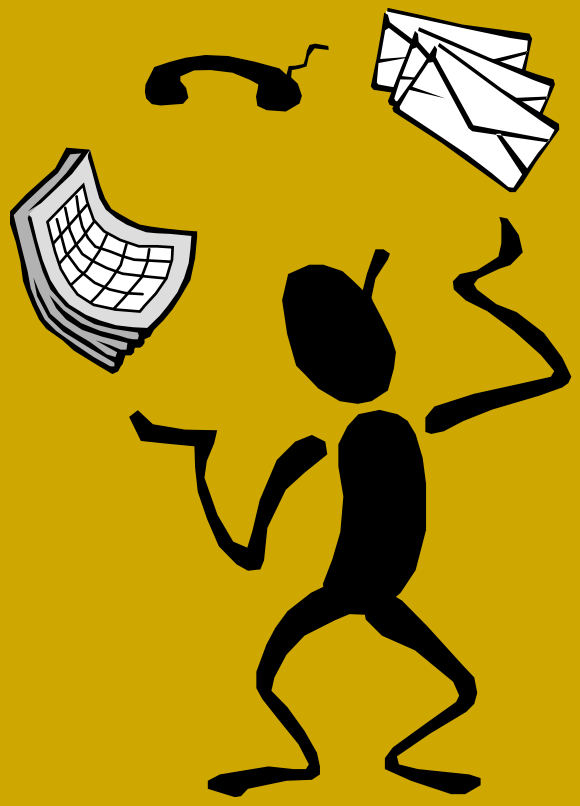
JOB SAFETY ANALYSIS



COURSE OBJECTIVES

- Understand the benefits of JSAs
- Understand the purpose and function
- Know the developmental process
- Determine when to develop
- Identify responsibilities

DEFINITION

- **JSA: A systematic method of identifying hazards & control measures to safely perform a specific task.**

BENEFITS OF JSAs

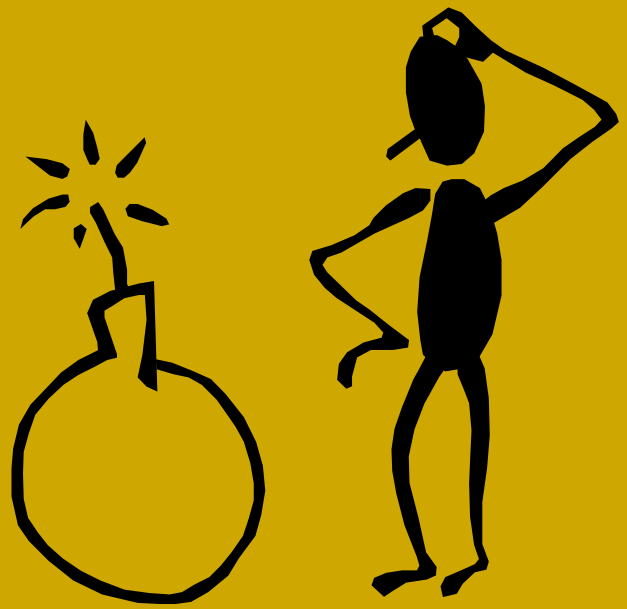
- Training of new employees
- Accident investigation tool
- Supervisor evaluation tool
- Consistency in training
- Injury reduction

THE PROCESS

- **JSA:**
  - **Breaking down a job into steps**
  - **Identifying safety hazards at each step**
  - **Developing safe job procedures for each step**

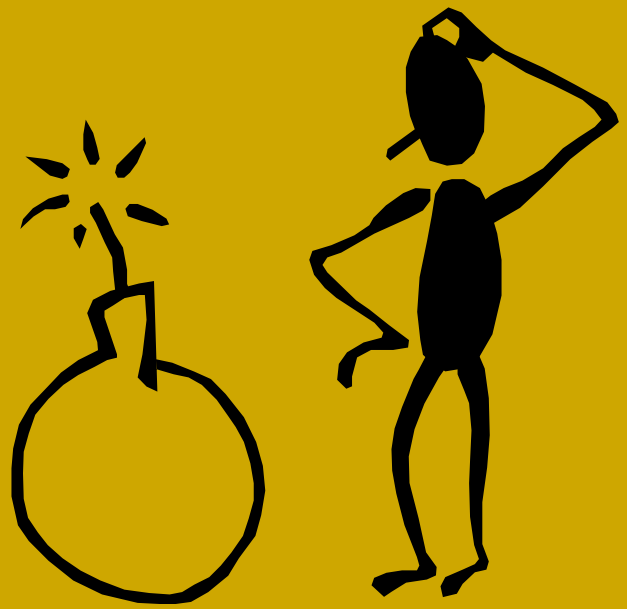
JSA PROCEDURE

- **STEP 1:**
  - **Select the job**



JSA PROCEDURE

- **STEP 2:**
  - **Perform the Analysis**



PROCEDURE Cont'd

- **STEP 3:**
  - **IDENTIFY HAZARDS**

PROCEDURE Cont'd

- **STEP 4:**
  - **DEVELOP SOLUTIONS**

PROCEDURE Cont'd

- **STEP 5:**
  - **Conduct a Follow-up Analysis**

PROCEDURE Cont'd

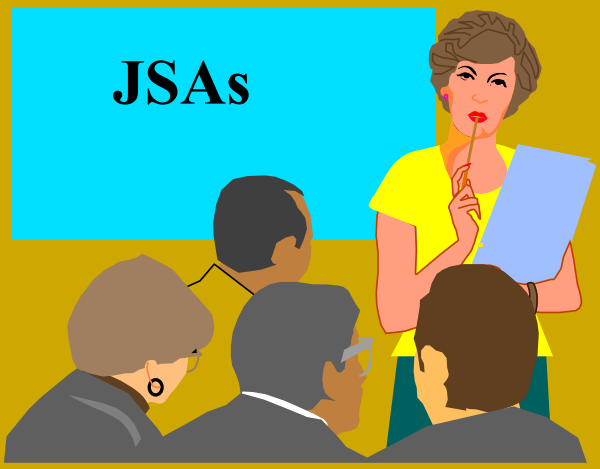
- **STEP 6:**
  - **Use of the Job Safety Analysis**

PROCEDURE Cont'd

- **STEP 7:**
  - **Recordkeeping**

REVIEW JSAs...

- During an accident/incident investigation process
- Prior to conducting training
- When work processes are changed or modified



EXAMPLE JSA

JOB SAFETY ANALYSIS EXAMPLE	JOB: Sharpening & Replacing a Rotary Mower Blade		DATE: 1/1/2000
	TITLE OF PERSON WHO DOES JOB: Yard Worker	SUPERVISOR: John Jones	INDIVIDUAL PREPARING JSA: John Jones
DEPARTMENT: Maintenance Group	LOCATION: Outdoor Beautification		
REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:	Gloves & Safety Glasses		

SEQUENCE OF BASIC JOB STEPS	POTENTIAL ACCIDENTS OR HAZARDS	RECOMMENDED SAFE JOB PROCEDURE
1. Disconnect spark plug wire.	1. Striking against housing Burn hand	1. Do not use excessive force. Allow mower to cool.
2. Remove gasoline.	2. Spillage – Fire – Inhalation.	2. Ventilation. No smoking, proper container. Flush away with water (if necessary).
3. Invert mower.	3. Caught between (CB) Spilling gasoline Overexertion	3. Tip properly. (Grass catcher chute up). Be sure cap is tight. Lift properly, use leg muscles.
4. Remove dull blade.	4. Knuckles striking against blade.	4. Secure block blade – wooden block. Use gloves. Use proper size socket wrench with extender.
5. Check for bent blade.	5. None.	5. None.
6. Sharpen & balance dull blade.	6. Cutting hand; striking against vice.	6. Wear gloves. Avoid contact with sharp blade.
7. Reassemble blade to mower.	7. Striking against blade or housing.	7. Block blade. Wear gloves. Avoid contact with sharp blade.
8. Return mower to cutting position.	8. Overexertion.	8. Use leg muscles, not back.
9. Reconnect spark plug wire.	9. None.	9. None.
10. Add gasoline.	10. Fire.	10. Ventilate. No smoking. Proper container.
11. Operate mower.	11. Normal operating hazards.	11. Check for excessive vibration or unusual noise.

EMPLOYEES ASSISTING IN DEVELOPMENT OF JSA

_____
_____
_____
_____

IS THERE DANGER OF:
A. STRIKING AGAINST OR BEING STRUCK BY
B. CAUGHT IN, BY, OR BETWEEN
C. SLIP, TRIP, OR FALL
D. PUSHING, PULLING, LIFTING, OR TWISTING
E. TOXIC GAS, VAPOR, FUMES, EXCESSIVE HEAT OR COLD

JSA 1-00 STATE OF LOUISIANA

Practical Exercise

- **Complete a JSA on changing a tire**

JSA WORKSHEET (FORM JSA-1-00)

STATE OF LOUISIANA JOB SAFETY ANALYSIS TRAINING GUIDE	JOB:	DATE:	
	TITLE OF PERSON WHO DOES JOB:	SUPERVISOR:	ANALYSIS BY:
DEPARTMENT:	LOCATION:		REVIEWED BY:
REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:			APPROVED BY:

SEQUENCE OF BASIC JOB STEPS	POTENTIAL ACCIDENTS OR HAZARDS	RECOMMENDED-SAFE-JOB-PROCEDURES.

TEST

- **1. Define JSA ?**
- **2. Name 3 benefits of using JSAs ?**
- **3. Name the 3 basic steps in completing a JSA ?**
- **4. Who is the most qualified person to complete a JSA & why ?**
- **5. Observing the job is a good method to help in identifying the job steps? T or F**

TEST-Con'd

- **6. Using PPE is the best method of controlling a hazard ? T or F**
- **7. How often should JSA observation be conducted ?**
- **8. Where should JSAs be stored ?**

QUESTIONS???

VISIT OUR WEBSITE:

http://www.doa.louisiana.gov/orm/lp.htm

END OF PROGRAM