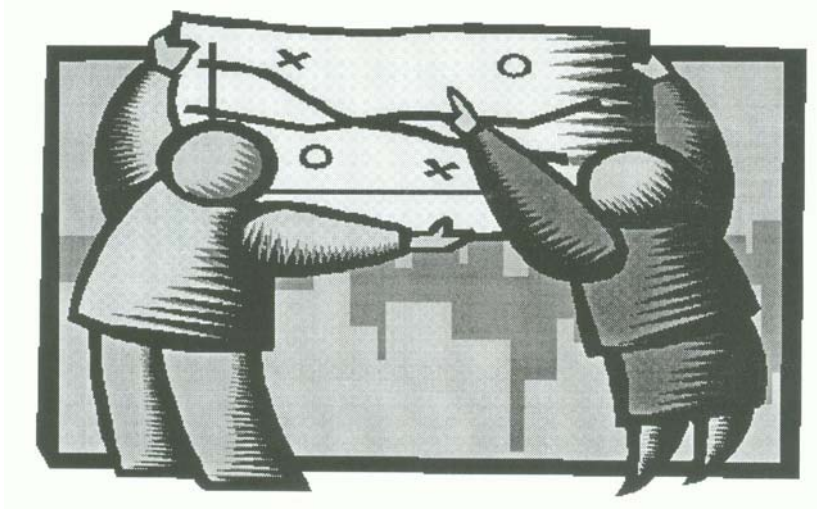


Worksite Mapping

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Purpose: To identify, describe and analyze problems on the job.



Objectives:

- Identify health and safety hazards
- Identify work organization and problems

Materials:

- ✎ Large paper
- ✎ Markers
- ✎ Scissors or tape

Activity

1. Break into groups of workers from the same worksite or same department and give them materials to draw their site.
2. Have each group draw a floor plan of where they work, putting in machinery, storage, and indicating the flow of work.



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3. Using a green marker, indicate physical hazards, such as:

- Holes in ceiling or floor
- Poor lighting
- Spills and puddles
- Too hot or too cold
- Too noisy
- Unsanitary facilities
- Lack of drinking water
- Other



4. Using a red marker, indicate where there is exposure to toxic substances:

- Fume or smoke
- Vapor or gas
- Mist
- Chemical odor
- Contact with liquid
- Dust or fibers
- Other



5. Using a blue marker, indicate where there are hazards due to repetitive motion:

- Assembly line
- Repetitive lifting
- Using a lot of force with arms or hands
- Working in awkward postures
- Hard to hold tools
- Vibration
- Incorrect handling of heavy objects
- Excessive workload
- Other



6. Using a purple marker, indicate safety hazards:

- Unguarded machinery
- Electrical hazards
- Blocked aisles
- Tripping hazards
- Falling objects
- Slippery floors
- No lockout or blockout procedure
- Other



7. Using an orange marker, indicate where workers are under stress:

- Rapid pace
- Understaffed
- Poor supervision
- Fear of reprisal
- Isolation
- Boredom or monotony
- Other

8. Have each group put dots on the map representing the workers:

- Red for leaders
- Blue for workers who have suffered injuries

9. Have each group present their map to the whole class. After they have explained their map, ask them:

- What are the primary health and safety concerns?
- Where are people mostly injured or in pain?
- Where have there been changes in production?
- What are the concerns that affect the most people in the worksite?
- Where are hazards or problems that could easily be corrected?

