



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Hazard Assessment

The only way to do business - safely!

Brian Westbrook
Instructor

Workshop #000075

July 2009



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Hazard Assessment

CAUTION: To complete this workshop, you will need to refer to the handout available through Reception Fort Garry Campus.



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Hazard Assessment

Contact the Training and Safety Coordinator (474-7460) to write the Competency Check after completing this online workshop.



References

- WS&H Act and Regulation
- Safe Work Manitoba Website
- “Workplace Inspections” by Wayne Bergan and Mark Geiger. Presented at the Manitoba Construction Conference, 2009





UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Objective

To offer you the information needed to be competent
in your understanding of Hazard Assessment



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

We have heard it all before...

- We have always done it this way...
- You just need to use common sense...
- Nothing ever happened before...
- It's only going to take a minute...



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

**You may want to stop and
think about those
statements...**



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

**...as we look over our
Incident Report!**



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

From your handout look over the Incident Report



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Incidents do not “just happen”

- They are caused
- That is why we do a hazard assessment **prior to** doing the task



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

What is a hazard?

Definition:

A hazard is a condition which has the potential to cause an injury or property damage



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

**Hazard assessment is an
important element in our
safety program**



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

How are hazard assessments done?

1. Spot the hazard
2. Assess the risk
3. Find a safer way



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

How are hazard assessments done?

These three steps have been popularized in a recent campaign by Safe Work Manitoba and must be carried out at the job site before any work is performed.



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

How are hazard assessments done?

The hazard assessment is carried out by you on the Work Order or Caretaking Services Hazard Assessment Form

It is done **before** the job starts!



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

How are hazard assessments done?

1. Spot the hazard
2. Assess the risk
3. Find a safer way



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

How are hazard assessments done?

The vast majority of incidents are caused by unsafe practices, frequently combined with unsafe conditions that have been allowed to exist uncorrected.



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Who is involved in hazard assessment?

- Worker
- Supervisor



Hazard control

“Best” controls are directed toward the source of the hazard.

1. Remove the hazard <== *First and best choice*
2. Change the way you do business
3. Personal Protective Clothing or Equipment



Self-test quiz

There are three self-test questions for this section. If you think you know, proceed to the next slide. If you don't review the section.

The questions are true or false. The answers follow the questions on the next slide.



Self-test quiz

1. A hazard is a condition which has the potential to cause an injury or property damage.
2. The second step in hazard assessment is to “assess the risk”.
3. A Hazard assessment is to be done before the job.



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Self-test quiz

1. True.
2. True.
3. True.



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Hazard ranking



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Hazard ranking

Hazards are ranked by severity and probability



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Hazard ranking

Severity

1. Imminent Danger
2. Serious
3. Minor
4. Negligible



Hazard ranking

Probability

1. Probable
2. Reasonably probable
3. Remote
4. Extremely remote



Hazard ranking example

A worker wearing running shoes while loading pipe in a pickup truck

The changes that a pipe could cause an incident by falling off of the truck and hit an unprotected foot are:

SERIOUS / REASONABLY PROBABLE



Hazard ranking example

A worker with no eye protection is working overhead

The chances that a foreign object falling from above causing an incident are:

SERIOUS / REASONABLY PROBABLE



Hazard ranking example

An attendant fueling a vehicle that is running

The chances that a vehicle being fueled while running causing an incident are:

IMMINENT DANGER / PROBABLE



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Reporting

You must complete the Work Order or Caretaking Services Hazard Assessment Report before performing the work and you must report the hazard to your supervisor.



Monitoring / Follow up

It is essential that you follow up to see that unsafe conditions are made safe.

By not doing so means you would not be doing your 'due diligence,' your responsibility.



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Get the word out

Report to your supervisor immediately

Tell your co-workers about the hazard



Remember...

- Before starting a job...
 - ▶ Spot the hazard
 - ▶ Assess the risk (severity / probability)
 - ▶ Find a safer way
 - ▶ Complete the documentation (Work Order or Caretaking Services hazard Assessment Form)
 - ▶ Monitor / Follow up the unsafe condition



UNIVERSITY
OF MANITOBA

Physical Plant

A COR™ Certified Workplace

Competency Check

