Manitoba Association of Regional Recyclers

Sustainable Waste Management in First Nation and Indigenous Communities

The Importance of Training For Waste Management Workers

October 11, 2022

Randy Webber

Why Train

Where

When

What

Who

How

Now What

Waste Management Workers should be trained:

- **to ensure they can do their jobs effectively**
- **to protect their health and safety**
- **to protect the health and safety of co-workers and the community**
- **to protect the air, water and land**

Why Train?

- Mixed waste from households
- Mixed waste from industrial, commercial and institutional buildings and facilities
- Construction, renovation and demolition waste
- Asbestos
- Scrap tires
- Lead acid batteries
- Waste electronics
- Used oil, used antifreeze, and related empty containers
- Flammable liquids (stale gasoline, diesel fuel)
- Dead animals (carcasses, fish offal)
- Treated wood (railway ties, landscape wood)
- Biohazardous waste (needles/sharps, hospital waste, human waste (diapers)
- Medications
- Household batteries including lithium, alkaline, nickel cadmium, and nickel metal hybrids
- Household hazardous waste (toxic, corrosive, flammable, explosive)
- Compressed gas cylinders
- Mercury switches and thermostats
- Scrap metal including scrap appliances containing Ozone Depleting Substances
- Packaging and printed paper
- Farm chemical containers
- Agricultural plastics such as grain bags and baler twine
- Leaf and yard waste (trees, tree branches, shrubs, leaves, grass)
- Food waste

Why Train?

- Operate scales (this is only relevant to larger communities with scales at landfill site)
- Manage public access and use of the site
- Maintain records
- Manage budgets
- Supervise staff
- Maintain and operate heavy machinery required within their facility and site (backhoe, skid steer, bulldozer, packer, compost aerator, baler, collection trucks)
- Maintain and operate small equipment (lawn mowers, snow blowers, hand tools, pumps)
- Ensure health and safety for the public, co-workers, and themselves
- Emergency response to incidents at the facility – spills, fires, accidents or other upsets
- Manage leachate collection (testing, pumping)
- Sample and monitor groundwater
- Manage and prevent fires – either fire in the landfill cell, material storage area or broader environment
- Understand and follow regulations and standards
- Report and communicate to administrative, municipal or band leadership
- Control litter and debris
- Control pests including vermin, bears, insects

Also:

- **The Workplace Safety and Health Act**
- **The Environment Act**
- **Best Management Practices**

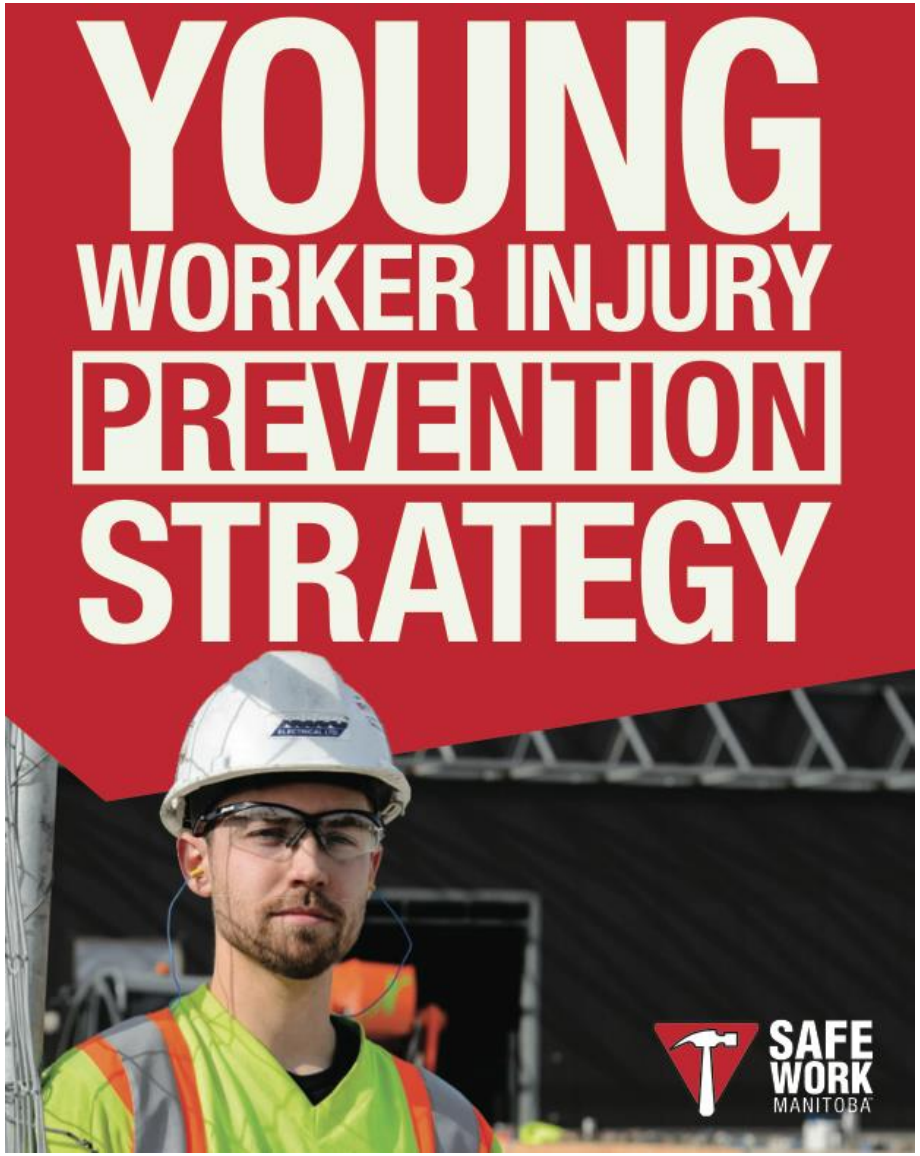
Winnipeg memorial to workers who died on job unveiled

There were 26 Manitobans who died in 2021 due to a workplace-related illness or injury: 13 from occupational disease and 13 to workplace-related injury.

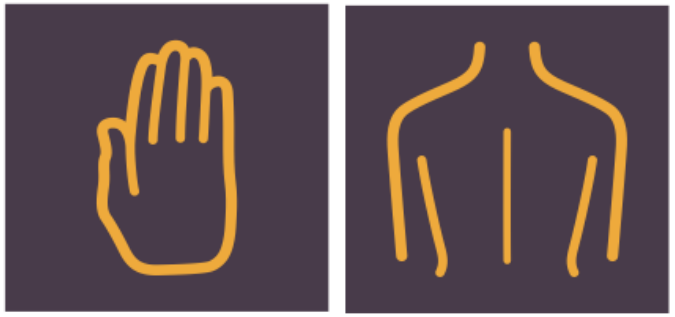
"Manitoba families want to know their child or loved one is safe when they begin their on-the-job training as an apprentice in the trades," NDP Lead-

Winnipeg Free Press
April 29, 2022

And:


YOUNG
WORKER INJURY
PREVENTION
STRATEGY
SAFE
WORK
MANITOBA

TOP YOUNG WORKER TIME LOSS INJURIES BY BODY PART



1. FINGERS/HANDS/WRISTS
2. BACK

Nearly 5,000 young workers between the ages of 15 and 24 are injured at work each year in Manitoba

Statistics show the majority of serious incidents occur during a worker's first year on the job

SAFE Workers of Tomorrow surveys show that, **24%** of young workers were told very little or nothing about the hazards in their new job.

SAFE Workers of Tomorrow surveys show that nearly **1/3** of young workers would not refuse to do work that they considered unsafe.

DID YOU KNOW THAT EMPLOYERS ARE LEGALLY REQUIRED TO PROVIDE A SAFETY AND HEALTH ORIENTATION TO ALL NEW WORKERS TO HELP PREVENT INJURIES AND ILLNESS ON THE JOB?

Where to Train?

Experience and feedback from workers shows the most effective training takes place:

- **in the community**
- **at the waste management facility**
- **in a familiar environment**
- **with existing resources**

UCN
UNIVERSITY COLLEGE OF THE NORTH

Peguis

When to Train?

- New hires must have orientation including safe work practices on their first day of work
- All workers should be trained as soon as possible to perform key work tasks
- All workers should have periodic refresher training
- All certifications should be kept up to date

What Training Courses to Take?

- **Training should target the individual workers so they can do their job effectively and safely**
- **Avoid training that isn’t needed**
- **Refresher training when needed or required**
- **Reinforce training with policies, procedures**

What Training Courses to Take?

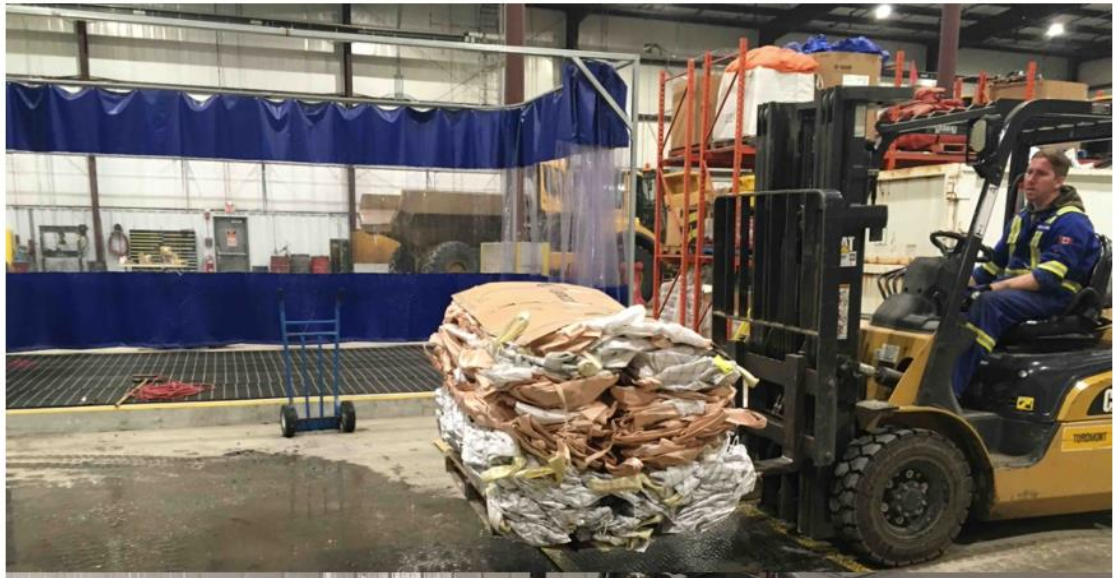
- **64 different courses available**
- **28 service providers**

SCENARIO AND
CONTINGENCY PLANNING

DURACELL
ALKALINE BATTERY
DURACELL
9V
DURACELL
ALKALINE BATTERY

HAZARDOUS
WASTE

MOTOMASTER
ELIMINATOR



20
km/h
STOP

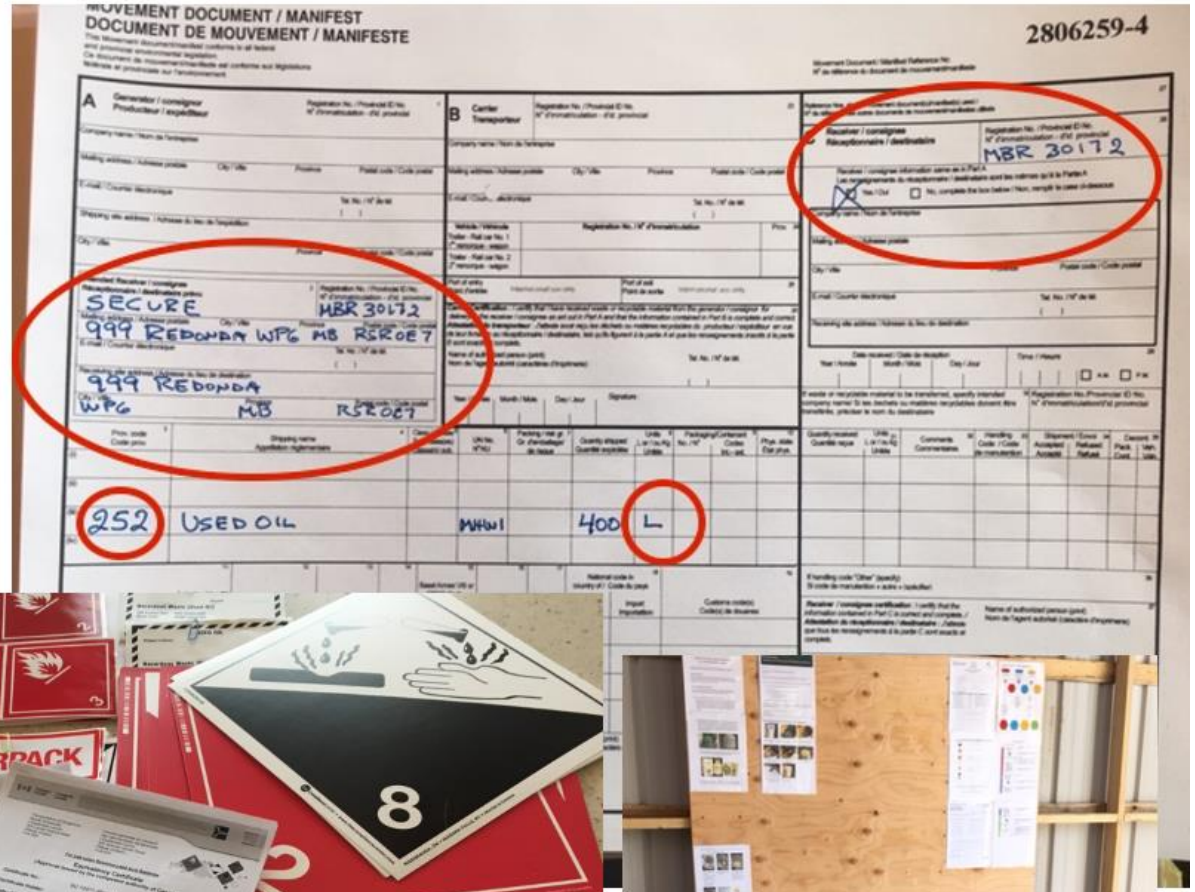
Manitoba
Environment, Climate and Parks
Environmental Compliance & Enforcement Branch
Hazardous Waste Program
1007 Century St
Winnipeg MB R3H 0W4
T 204-945-7086 F 204-948-2338

February 07, 2022

Dear hazardous waste generator:

Re: Acknowledgement of Receipt of Hazardous Waste Generator Registration Form

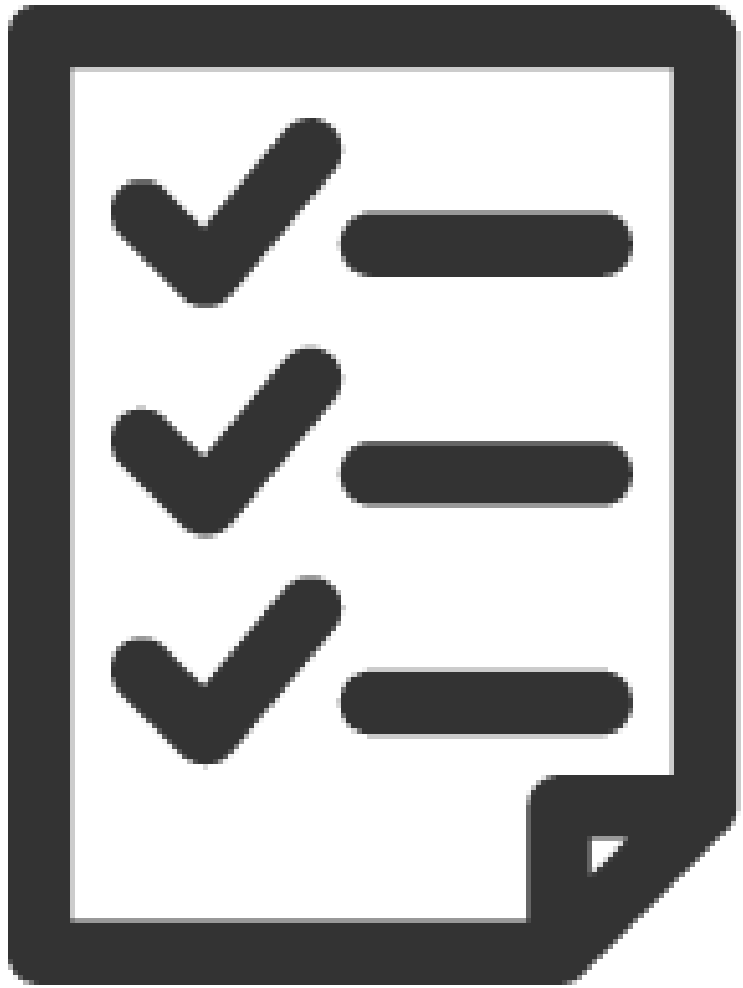
This document will acknowledge receipt of the hazardous waste generator registration form submitted to Manitoba Environment, Climate and Parks by the following waste consignor (generator):



Who Should be Trained?
Every worker should be trained to do their jobs effectively and safely

How to Train?

- Training should include a mix of classroom and hand's on instruction
- Training needs to be reinforced by best management practices including written and posted policies and procedures



Hands On Training

Classroom Training

Procedures

Tailgate Safety Checklist

Date:_____ **Time:**_____

Facility Location: _____

Who is working today?

_____
_____
_____

Today's Work Plan (what are we going to do today?)

_____
_____
_____

What are potential hazards?

Physical Hazards: _____

Chemical Hazards: _____

Biological Hazards: _____

What PPE do we need?

- **Build Capacity in Communities**

- **So Many Training Courses**
  - **Which One(s) Should I Take?**
  - **Which One(s) Are Priority?**

- **Build Courses to Match Job Duties**
  - **Develop Realistic Position Descriptions**

- **Coordinate Training and Support Workers**
  - **IZWTAG Circuit Rider is a Potential Delivery Model?**

- **Training Gaps**
  - **New Introduction to Waste Management Course?**

Thank You

Questions and Discussion