



# Material Handler Operator Safety

## TRAIN-THE-TRAINER



Institute of  
Scrap Recycling  
Industries, Inc.

Voice of the Recycling Industry™

## Training – Day 1

### Introduction

- Purpose & Reason for attending
- Intro Quiz
- OSHA / ANSI compliance and consensus regs
- Nomenclature
- Pictures & parts of the machine

### Training Fundamentals

- Your goals and objectives as a trainer
- How to recognize trainee personalities
- How to follow the written program
- What to do after you “train” someone
- Documentation & recordkeeping

Students are expected to participate by presenting to the group, critiquing each other on presentation style, and be involved in the hands-on field process.

### Safely or Not at All! — VIDEO

- Operator’s role
- Take control of Safety
- Safety messages
- 3-point rule
- Circle of Safety
- Distractions

### Pre-Operational Inspection — VIDEO

- Importance of the Pre-Op
- What to look for
- Inspection Sheet
- Attachment Type
- Daily Inspection Points
  - Implement
  - Boom/stick/adapter
  - Undercarriage
  - Body
  - Fluid check points
  - Safety
- Stored Energy (electrical, hydraulic, gravity)



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### Machine Operations — VIDEO

- In the cab
  - Ergonomics (setting up the seat)
  - Seat belt
  - Setting up for work
  - Travelling to work zone
- Travelling with machine
  - Cab position
  - Implement position
- Travelling on foot across facility
- Machine set-up considerations
  - Ground conditions
  - Outriggers/stabilizers
  - Rain, mud, snow, ice, etc.
  - Power lines
  - Overhead/lateral hazards
- Load chart
- Control of work area
  - Communications (hand signals, radio communications)
  - No go zones (equipment blind spots)
- Feeding, loading, and unloading

### Shut Down & Equipment Care

- Inside of cab
  - Shut down procedures
  - Cab condition (housekeeping)
  - Magnet/grapple/implement placement
  - Lights/power/radio/battery drain
- Exit cab
  - Line up machine
  - 3-pt rule
  - Close door
- Equipment Care
  - Reliability (equipment upkeep)
  - Housekeeping
- Operator responsibilities
  - Inspection sheet
  - Communication between operators who share equipment (slip seat)

### Hands-on – Day 2

#### This portion of the class will involve the following:

- equipment inspection
- blind spot understanding
- machine set-up
- control of the material handler
- loading/unloading exercises