



TRAINING OUTLINE

COURSE TITLE: _____ **DATE:** _____ **INSTRUCTOR:** _____

LOCATION: _____ **TIME:** _____ **COMPANY:** _____

Safety training was conducted on the above date by the instructor indicated. The following line items identify the topics covered during the training session.

SUMMARY OF TRAINING

1) Introduction

- a) Training
- b) Standards

2) Anatomy & Components

- a) Digger Derrick
- b) Inspection Records
- c) Anatomy & Pre-Shift
- d) Operator's Manual
- e) Outriggers & Stabilizers
- f) Turret & Boom
- g) Boom Tip
- h) Boom Angle Indicator
- i) Digger
- j) Man Bucket
- k) Winch
- l) Winch Hook
- m) Rigging Gear
- n) Capacity Labels
- o) Controls & Indicators
- p) Level
- q) Charts
- r) Vehicle
- s) Air Brakes
- t) Operator's Station
- u) Chassis
- v) Hoses & Wiring
- w) Tires

3) Stability Principles

- a) Balance & Leverage
- b) A Mobile Crane's Leverage



TRAINING OUTLINE

- c) Rate of Tipping
- d) Dynamic Conditions

4) Rigging Considerations

- a) Rigging
- b) Typical Rigging
- c) Lifting Hardware
- d) Synthetic Slings
- e) Round Slings
- f) Rope Slings
- g) Inspections
- h) Damaged Slings
- i) Capacity
- j) Wire Rope
- k) Chain Slings
- l) Basic Rigging Practices
- m) Weight of the Load
- n) Basic Hitches

5) Safe Operations

- a) Training
- b) Planning
- c) Know Your Derrick
 - i. Mounting & Dismounting
 - ii. Personal Protective Equipment
 - iii. Controls
 - iv. Outriggers/Stabilizers
 - v. Level
 - vi. Digger
- d) Know Your Worksite
 - i. Setup Considerations
 - ii. Pedestrians
 - iii. Traffic
 - iv. Overhead Hazards
 - v. Load Handling
 - vi. Communication

6) Common Hazards

- a) Working Around Power Lines
- b) Outrigger/Stabilizer Hazards
- c) Overloading



TRAINING OUTLINE

- d) Obstructed Vision
- e) Poor Rigging
- f) Improper Use
- g) Falls
- h) Auger Hazards
- i) Distractions
- j) Weather: Heat & Cold
- k) Fatigue
- l) Emotions/Physical Health

7) Conclusion