



# BIGFOOT ACADEMY ONSITE TRAINING





## Supervisor Crane & Rigging Awareness Course

Our 1 day supervisor crane & rigging awareness course is designed to train supervisors on how to observe whether or not crane and rigging duties are being performed properly.

### Crane Set-up and Safe Operating Practices

- Crane Set-up & Safe Operating Practices.
- Load Chart Interpretation (Knuckle Boom, Mobile & Tower Crane)
- Rigging Capacity Calculations
- Common Rigging Hazards
- Rigging Inspection & Rejection Criteria Including Wire Rope
- Suspended Work Platforms and DEP Boxes
- Critical Lift Planning
- Communications Knowledge
- WorksafeBC Regulations, ASME & CSA Standards
- Maintenance And Inspection Requirements
- Hazard Assessment & Pre-operational Inspections

The course fee is \$3,150 + GST per session for up to 10 participants. This course can be run at your location anywhere in Canada or at Bigfoot Crane Academy's Abbotsford or Agassiz Training Centres. (Instructor travel changes may apply outside of the Lower Mainland. Each student will receive a Crane & Rigging Awareness Course Participant Guide and a Certification of Training upon successful completion.



## Folding Boom Crane Theory & Practical Training

This course is delivered at your location with a 1-day to 3-day duration depending on customer preference and outcome goals. Theory and practical content covered in this training session is designed to prepare operators for the full scope stiff boom crane certification assessment. Topics covered are:

### Theory

- Rigging Capacity Calculations
- Rigging Chart Interpretation with Quizzes
- Rigging Inspection and Rejection Criteria
- Critical Lifts as Per WorkSafeBC
- WorksafeBC Regulations, ASME & CSA Standards
- Folding Boom Crane Load Chart Interpretation with Quizzes
- Electrical Safety

### Practical

- Crane Set-up Requirements
- Safe Operating Practices
- Pre-operational Inspection
- Timed Target Course

## Construction Hoist Operator Training Course (3 Days)

In our 3 day program, your crew will be trained in the most up to date practices in hoist and elevator operation, safety, and safety standards. Bigfoot Academy provides custom training at your location. Maximum number of students for on-site theory and practical training is ten (10) employees per session. By the end of the Hoist Operator training course, the candidates will be fully equipped to fulfill the set standards of the Technical Safety BC theory exam.

### Rate per person

- |                            |                             |
|----------------------------|-----------------------------|
| 1) \$4,500.00 = Total      | 5) \$1,800.00 = \$9,000.00  |
| 2) \$2,500.00 = \$5,000.00 | 6) \$1,700.00 = \$10,200.00 |
| 3) \$2,250.11 = \$6,750.00 | 7) \$1,600.00 = \$11,200.00 |
| 4) \$2,000.00 = \$8,000.00 | 8) \$1,500.00 = \$12,000.00 |
|                            | 9+) \$1,450.00 per person   |



## Stiff Boom Theory & Practical Training

This course is delivered at your location with a 2-day to 3-day duration depending on customer preference and outcome goals. Theory and practical content covered in this training session is designed to prepare operators for the Full Scope Stiff Boom Crane Certification Assessment. Topics covered are:

### Theory

- Rigging Capacity Calculations
- Rigging Chart Interpretation with Quizzes
- Rigging Inspection and Rejection Criteria
- Critical Lifts as per WorkSafeBC
- WorksafeBC Regulations, ASME & CSA Standards
- Stiff Boom Crane Load Chart Interpretation with Quizzes
- Electrical Safety

### Practical

- Crane Set-up Requirements
- Pre-operational Inspection
- Safe Operating Practices
- Timed Target Course

The fee is \$2,950.00 + GST for 1-day session or \$2,750.00 + GST per day for multi-day sessions.

## Self-Erect Tower Crane Theory & Practical Training

For onsite training this is a 1-day to 3-day course depending on what the customer prefers. This course is designed to prepare operators for the Full Scope Self-Erect Tower Crane Certification Assessment. Topics covered are:

### Theory

- Rigging Capacity Calculations
- Rigging Chart Interpretation with Quizzes
- Rigging Inspection and Rejection Criteria
- Critical Lifts as Per WorkSafeBC
- WorksafeBC Regulations, ASME & CSA Standards
- Self-erect Tower Crane Load Chart Interpretation with Quizzes
- Electrical Safety

### Practical

- Crane Set-up Requirements
- Pre-operational Inspection
- Safe Operating Practices
- Timed Target Course

The fee is \$2,950.00 + GST for 1-day session or \$2,750.00 + GST per day for multi-day sessions.

## Mobile Crane Theory & Practical Training

This course is delivered at your location with a 3-day to 5-day duration depending on customer preference and outcome goals. Theory and practical content covered in this training session is designed to prepare operators for success during an apprenticeship or the written & practical Certification Assessments. Topics covered are:

### Theory

- Rigging Capacity Calculations
- Rigging Chart Interpretation with Quizzes
- Rigging Inspection and Rejection Criteria
- Critical Lifts as Per WorkSafeBC
- Crane Related Math Calculations
- Electrical Safety
- Mobile, Stiff Boom & Folding Boom Crane Load Chart Interpretation with Quizzes
- WorksafeBC Regulations, ASME & CSA Standards
- Machine Power Flow
- Transport Regulations

### Practical

- Crane Set-up Requirements
- Pre-operational Inspection
- Safe Operating Practices
- Timed Target Course

The fee is \$2,950.00 + GST for 1-day session or \$2,750.00 + GST per day for multi-day sessions.



**BIGFOOT**  
CRANE COMPANY

 1 877 740 6590

 [training@bigfootcrane.com](mailto:training@bigfootcrane.com)

 [bigfootcrane.com](http://bigfootcrane.com)

# Overhead Crane & Rigging Course

Taught by accomplished Crane and Rigging Instructors at your location, this course combines in-class content with practical experience. Students receive 6 hours of classroom theory and **2 hours of hands on** practical training to ensure your employees are well trained and qualify overhead crane operators as per WorkSafeBC regulations.

- Crane and hoisting hand signals

→ Load weight estimation

→ Location of the load center of gravity (COG)

→ Rigging hardware and appropriate uses

→ Rigging hardware inspection and rejection criteria

→ Sling angle capacity calculation
- Use of rigging tables to select appropriate hardware for hoisting

→ Care and storage of rigging hardware

→ Electrical safety

→ Tag lines use and knots

→ Common hazards and safety around cranes and overhead hoists

→ Lift planning and WorkSafeBC critical lift list

\$3,150.00 + GST. This price includes an instructor and material for up to 10 participants, for one 8-hour day

# Civil Works Rigging Course

Our 1 days Civil Works Rigging Course is delivered at your location for up to 10 students. This course combines in-class content and practical experience to ensure your employees are fully competent in rigging for every job site.

- Hoisting and Trucking Hand Signals

→ Determining the Weight of a Load

→ Location of the load center of gravity (COG)

→ Rigging Terminology and Appropriate Uses

→ Rigging Inspection

→ Use of Rigging Capability Tables
- How Sling Configuration Effects Capacity

→ Rigging Care and Storage

→ Common Hazards and Safety Around Hoisting Equipment

→ Lift Planning

→ Electrical Safety

\$3,150.00 + GST. This price includes an instructor and material for up to 10 participants, for one 8-hour day

# Level 1 Rigger Certification Course

Taught by an accomplished Level 1 Rigger Certifier/Crane and Rigging instructor, the Level 1 Certification Training Program combines in class content with practical experience. Students receive classroom theory and hands-on practical training including calculating load weights, finding the load centre of gravity, rigging loads and making actual crane lifts while giving direction to a crane operator. The goal of the Level 1 Training Program is to equip you for a safe career as a safe, knowledgeable and confident rigger.

## Custom Rigging Certification Course

We have many years of experience delivering rigging training in all sectors of construction. Give us a call to schedule a custom rigging course for your employees that is tailored to your requirements.

### Course Outline

- Crane and Hoisting Hand Signals

→ Load Weight Estimation

→ Location of The Load Centre of Gravity (COG)

→ Rigging Hardware and Appropriate Uses

→ Rigging Hardware Inspection and Rejection Criteria (Regulations Vary By Jurisdiction)

→ Use of Rigging Tables to Select Appropriate Hardware for Hoisting

→ Sling Angle Capacity Calculation

→ Care and Storage of Rigging Hardware

→ Common Hazards and Safety Around Cranes and Overhead Hoists

→ Lift Planning and Advanced Topics Awareness

### Rate per person

- 1) \$1,200.00 = Total

2) \$1,100.00 = \$2,200.00

3) \$1,000.00 = \$3,000.00

4) \$950.00 = \$3,800.00

5) \$850.00 = \$4,250.00

6) \$780.00 = \$4,680.00

7) \$750.00 = \$5,250.00

8+) \$700.00 = \$5,600.00



 **Schedule a Class 1 877 740 6590**