

# Boom Truck Operator – Stiff Boom Unlimited Tonnage

## CERTIFICATE OF QUALIFICATION EXAM BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Boom Truck Operator – Stiff Boom Unlimited Tonnage Certificate of Qualification Exam*.

**Number of questions on each exam: 48**

Certificate of Qualification GAC/Competency	#
<b>C. CRANES</b>	<b>6</b>
C5. Demonstrate knowledge of crane components and attachments for boom trucks	2
C6. Demonstrate knowledge of engines and ancillary systems	2
C7. Demonstrate knowledge of power transfer for boom trucks	2
<b>F. TRANSPORTATION AND DELIVERY</b>	<b>2</b>
F1. Demonstrate knowledge of BC Ministry of Transportation - Commercial Transport rules and regulations	1
F2. Demonstrate knowledge to prepare a boom truck and associated loads for highway/road travel	1
<b>G. SITE PLANNING AND CRANE POSITIONING</b>	<b>6</b>
G1. Demonstrate knowledge of accurate site assessment tools	2
G2. Demonstrate knowledge to locate and safely position a crane	4
<b>H. CRANE OPERATIONS</b>	<b>29</b>
H2. Demonstrate knowledge of crane operations	4
H3. Demonstrate knowledge of lifting plans and rigging for cranes	10
H4. Demonstrate knowledge of folding boom (unlimited tonnage) load charts and load calculations	5
H5. Demonstrate knowledge of stiff boom (unlimited tonnage) load charts and load calculations	10
<b>I. MAINTENANCE AND SERVICE</b>	<b>5</b>
I2. Demonstrate knowledge of inspecting engines, monitoring devices and hydraulic systems	3
I3. Demonstrate knowledge of servicing and maintenance procedures	2
<b>Total:</b>	<b>48</b>