

34-1/6/10/10 (CAH-1) Theory

Mobile Crane Operator

**Interprovincial
Qualification**

COUNSELLING INFORMATION

110 TOTAL QUESTIONS

Number of Question

SECTION 1 OCCUPATIONAL SKILLS	6
Task 1 Uses tools and equipment.	2
Task 2 Organizes work.	4
SECTION 2 HOISTING CALCULATIONS	24
Task 3 Determines load weights.	6
Task 4 Calculates crane capacity.	11
Task 5 Performs rigging calculations.	7
SECTION 3 CRANE INSPECTION AND MAINTENANCE	11
Task 6 Performs pre-operational checks and regular inspections.	5
Task 7 Performs continual checks.	3
Task 8 Performs minor crane maintenance.	3
SECTION 4 RIGGING	15
Task 9 Inspects and maintains slings and hardware.	5
Task 10 Follows rigging procedures.	10
SECTION 5 LIFT PLANNING, SITE PREPARATION AND CRANE SETUP	19
Task 11 Performs pre-lift planning.	8
Task 12 Sets up crane.	11

SECTION 6	CRANE ASSEMBLY, DISASSEMBLY AND TRANSPORT	12
Task 13	Loads and unloads components for transport.	2
Task 14	Drives cranes on public roadways and jobsites.	2
Task 15	Assembles and disassembles crawler and truck-mounted lattice cranes.	3
Task 16	Assembles and disassembles truck-mounted and all-terrain (AT) hydraulic cranes.	2
Task 17	Assembles and disassembles rough-terrain (RT) cranes.	1
Task 18	Assembles and disassembles specialty equipment and attachments.	2
SECTION 7	CRANE OPERATION	23
Task 19	Performs basic craning operations.	5
Task 20	Operates friction drive lattice boom cranes.	5
Task 21	Operates hydraulic drive lattice boom cranes.	4
Task 22	Operates hydraulic boom cranes.	4
Task 23	Performs specialty craning operations.	3
Task 24	Secures crane.	2

TIME ALLOWED 4 HOURS

PASS MARK 70%

- This is a multiple choice type examination.
- This information is to be used for candidate counselling purposes only.