

Road Builder and Heavy Construction

FOUNDATION EXAM BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) on the *Road Builder and Heavy Construction Foundation Exam*.

Number of questions on each exam: 100

Foundation Exam GAC	#
A1. ORIENTATION TO ROAD CONSTRUCTION AND HEAVY CONSTRUCTION	7
A2. WORKSITE HEALTH AND SAFETY PRACTICES	11
A3. ENVIRONMENTAL REQUIREMENTS	7
B1. HAND AND POWER TOOLS	5
B2. LADDERS AND SCAFFOLDS	4
B3. RIGGING AND MATERIAL HANDLING	4
B4. BASIC ROAD BUILDING AND HEAVY CONSTRUCTION EQUIPMENT OPERATION AND MAINTENANCE	9
B5. SMALL ROAD BUILDING & CONSTRUCTION EQUIPMENT	8
C1. SURVEYING AND CONSTRUCTION	4
C2. DRAINAGE	4
C3. BASIC SOIL MECHANICS/GEOLOGY	4
C4. PRINCIPLES OF EXCAVATION AND SHORING	4
C5. AGGREGATES	4
C6. ASPHALT PAVEMENT	3
C7. CONCRETE	2
D1. EMPLOYMENT SKILLS	5
D2. WORKSITE EMPLOYEE ROLES	5
D3. CONSTRUCTION WORKSITE TEAM SKILLS	5
D4. COMMUNICATION SKILLS	5
Total:	100

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