



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE
BUILDING ADMINISTRATION N5

(4090045)

02 December 2022 (X-paper)
09:00–12:00

This question paper consists of 5 pages.

312Q1E2202

DEPARTMENT OF HIGHER EDUCATION AND TRAINING
REPUBLIC OF SOUTH AFRICA
NATIONAL CERTIFICATE
BUILDING ADMINISTRATION N5
TIME: 3 HOURS
MARKS: 100

INSTRUCTIONS AND INFORMATION

1. Answer all the questions.
 2. Read all the questions carefully.
 3. Number the answers according to the numbering system used in this question paper.
 4. Start each question on a new page.
 5. Use only a blue or black pen.
 6. Write neatly and legibly.
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QUESTION 1: MECHANICAL PLANT REQUIRED FOR BUILDING WORK

Choose the type of tool in COLUMN B that matches a use in COLUMN A. Write only the correct letter (A–I) next to the question number (1.1–1.9) in the ANSWER BOOK.

COLUMN A		COLUMN B	
1.1	Used to grind down all types of materials	A	rammers
1.2	Used for grooving and moulding	B	planners and rebates
1.3	For compacting hardcore	C	hammers
1.4	Fitted with two-bladed, high-speed rotary cutters	D	rotary drills
1.5	For smoothing down wood surfaces	E	grinders
1.6	For cutting holes in brickwork	F	routers
1.7	For making fixings by means of steel pins to brickwork, concrete work and metals	G	power floats
1.8	Used for trowelling large concrete surfaces	H	sanders
1.9	Used for drilling holes in all types of material	I	cartridge hammers

(9 × 1)

[9]

QUESTION 2: PROGRESS CHARTS AND SCHEDULES

2.1 During pre-tender planning, all relevant information is prepared in a systematic manner, called *tender appreciation*.

List all items that must be included during the tender appreciation phase.

(9)

2.2 Name the TWO stages of pre-tender planning that commence when the tender appreciation phase is completed

(2 × 2)

(4)

[13]

QUESTION 3: SUBCONTRACTORS

Name the SEVEN rules and precautions pertaining to the laying of drainage work and its connections.

[7]