



Engineering (N4):

N4 Engineering Studies (Chemical)

National Certificate

I. KEY QUALIFICATION DETAILS

Detail	Description
Qualification Category	Engineering (N4)
NQF Level	5 (N4)
SAQA Qualification ID	66881
Minimum Credits	60 Credits

Estimated Duration

1 Trimester

The curriculum is fully aligned with Quality Council for Trades and Occupations (QCTO) standards, ensuring practical expertise for industrial environments.

II. ENTRY AND PROGRESSION

The foundational qualifications required to start this course and the subsequent academic pathways available after successful completion are detailed below.

Minimum Entry Requirements:

National Senior Certificate (Grade 12) OR NCV L4, with Mathematics and Physical Science (or N3 equivalent).

Promotion Requirements:

Successful completion of four instructional offerings at N4 level for progression to N5

Articulation Options:

Progress to N5 (66960) and N6 (67005)

III. COURSE CONTENT & FOCUS

The curriculum is fully aligned with Quality Council for Trades and Occupations (QCTO) standards, ensuring practical expertise for industrial environments.
Chemical engineering basics; lab practice

Core Content Areas:

Applied mathematics, engineering science, chemistry, foundational chemical plant operations

Compulsory Modules:

Mathematics N4; Engineering Science N4; Chemistry N4; Chemical Plant Operations N4.

Optional Specialization:

Engineering Drawing N4, or a relevant alternative.

IV. CAREER OUTLOOK

Potential job titles, relevant industries, and opportunities for professional advancement are outlined following this heading.

Career Path / Outcomes / Jobs:

Process operator assistant; progression to N5/N6

Industry Relevance:

Process operator assistant, technical trainee in chemical or mining sectors.

V. FINANCIAL INFORMATION

Mandatory registration costs, applicable payment schedules, and the overall fee structure for the qualification are presented in the text below.

Registration Cost:

All registration requires a **non-refundable R 950** registration deposit that forms part of the overall course fee.

Overall Fee:

Deposit: R 1450 (Full Qualification and Skill Programme Courses Only (Issuing of student Card/Number))

Payment Terms: 2 x R 750

Total Cost: R 3900

CONTACT US

Contact details, including the official website, dedicated email address, and primary telephone number, are available for direct communication.

 www.rihinstitute.co.za

 richbaminvestmentsales@outlook.com

 +27 71 348 1720



View the SAQA Course Details:

<https://regqs.saqa.org.za/viewQualification.php?id=66881>

MORE ABOUT US

OUR MANDATE

RIH Institute was established to bridge this gap. We provide accredited, practical training that directly fuels the region's most vital industries.

THE OPPORTUNITY

The Steelport region is the engine room of South Africa's mining sector, a global hub for platinum and chrome. This world-class industry requires a skilled workforce.

THE CHALLENGE

As identified by industry veterans, a critical gap exists for certified, high-demand artisan and technical skills. Local industry requires job-ready professionals who can immediately contribute to complex, high-stakes operations.



CREDENTIALS

Primary Accreditation Body:

Quality Council for Trades and Occupations (QCTO)

Accreditation Numbers:

09-QCTO/SDP131124084910 for this SDP accreditation covers National Certificates in Engineering Studies for the Mechanical Engineering and Chemical Engineering fields (N4, N5, N6 levels)

Trade Test Centre (TTC):

AC TTC070225201340



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Bothashoek, Phologong Section, Burgersfort, Limpopo, 1150