



Engineering (N6):

N6 Engineering Studies (Chemical)

National Certificate

I. KEY QUALIFICATION DETAILS

Detail	Description
Qualification Category	Engineering (N5):
NQF Level	5 (N6)
SAQA Qualification ID	67005
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 Certificate N5: Engineering Studies (66960).

Promotion Requirements:

Completion of N4, N5, N6 academic components PLUS 24 months (2,670 hours) relevant workplace experience to qualify for the National N Diploma (NQF 6).

Articulation Options:

N4+N5+N6 + practical → National N Diploma Level 6

III. COURSE CONTENT & FOCUS

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

Advanced chemical engineering modules; safety and process control

Core Content Areas:

Advanced chemical engineering, safety systems, process control and optimization

Compulsory Modules:

Mathematics N6; Power Machines N6; Chemical Technology N6; Chemical Plant Operations N6.

Optional Specialization:

A relevant optional module to complete the academic requirements

IV. CAREER OUTLOOK

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

Career Path / Outcomes / Jobs:

Chemical technician; further studies

Industry Relevance:

Chemical technician, process supervisor; pathway to National N Diploma (NQF 6).

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.

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View the SAQA Course Details:

<https://regqs.saqa.org.za/viewQualification.php?id=67005>

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 demands a world-class 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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