

NATIONAL CERTIFICATE: ENERGY REGULATION



DURATION	LEVEL	SAQA QUALIFICATION ID	DELIVERY METHOD	MINIMUM CREDITS
12 Months	NQF Level 5	66514	Classroom	120

INTRODUCTION

The purpose of this qualification is to introduce the regulatory framework that entails energy regulation in South Africa for three areas namely, petroleum, piped gas and electricity. It will also promote the understanding and correct interpretation of the energy legislation. A learner certified as competent in this qualification will be able to interpret and understand energy legislation and avoid common misunderstandings on how the legislation should be interpreted. The learner will also gain the necessary basic technical knowledge of the different energy industries in South Africa and how they need to be regulated.

AUDIENCE PROFILE

The National Certificate: Energy Regulation at NQF Level 5, is intended for unemployed youth, employed personnel or new candidates entering the workplace, requiring Energy Regulation skills. This qualification addresses the need in the energy regulation industry for individuals with knowledge, skills and understanding to correctly interpret and apply the regulatory legislation within the three energy regulatory areas currently existing in South Africa.

PREREQUISITES

- Communication at NQF Level 4
- Mathematics at NQF Level 4

MODULES

- Introduction to Wind Energy.
- Wind Energy Project Planning and Financing.
- Project Cost and Risk Management.
- Renewable Energy Applications.

EXIT LEVEL OUTCOMES

Outcome 1:

Demonstrate an understanding of the implications of the various energy related Acts.

Outcome 2:

Demonstrate an understanding of the energy regulatory principles.

Outcome 3:

Analyse and interpret developments in energy regulation.

Outcome 4:

Analyse and interpret energy regulation and how it can be used by the Regulatory Authority to carry out its function.

Outcome 5:

Range: Petroleum, Piped Gas and Electricity.

Outcome 6:

Demonstrate knowledge and application of infrastructure planning.

Outcome 7:

Demonstrate knowledge of tariff setting and third-party access.

OCCUPATIONS SUPPORTED BY THIS QUALIFICATION

- Petroleum Analysts/Controllers/Regulators
- Pipeline Gas Analysts/Controllers/Regulators
- Electricity Analysts/Controllers/Regulators
- Financial Analysts/Controllers/Regulators
- Energy Analysts/Controllers/Regulators