



LEVEL  
**5**

CREDITS  
**211**



**1523**  
VERSION 2

**EXTRACTIVE**

**NATIONAL CERTIFICATE IN EXTRACTIVE INDUSTRIES (SUPERVISION)**

WITH A STRAND IN: **SURFACE EXTRACTION**

**CORE COMPULSORY: The following standards are required**

UNIT	UNIT TITLE	LEVEL	CREDITS
23394	Plan for and carry out staff selection	5	4
23397	Plan and monitor performance of others	5	6
7142	Demonstrate knowledge of the application of regulatory requirements to manage an extractive site	6	25
7144	Review and implement plans for ongoing operations of an extractive site	5	15
8899	Plan storage for product processed at extractive sites	4	8
17692	Use advanced mathematics to solve problems in an extractive industries workplace	5	15
17743	Demonstrate knowledge of survey principles and apply to an extraction site	4	4
15663	Design and maintain stockpiles and sloping surfaces in surface excavations and stockpiles	6	20
16695	Create a safety management system document for an extractive site	5	3
17992	Select, design, maintain, and manage stockpiles at an extraction site	4	15
21154	Demonstrate knowledge of procedures to minimise environmental impact at an extraction site	5	7
21336	Lead a group/team to achieve an objective(s) with some complexity	5	5
<b>TOTAL OF 127 COMPULSORY CREDITS REQUIRED</b>			<b>127</b>

**SURFACE EXTRACTION STRAND COMPULSORY: The following standards are required**

UNIT	UNIT TITLE	LEVEL	CREDITS
21151	Demonstrate knowledge of planning rehabilitation operations of an extractives site	6	15
8902	Prepare and implement safety plans for surface face and benching operations	4	4
15667	Demonstrate knowledge of extraction methods and the effects of geological features on these methods	5	10
21155	Review consent conditions and demonstrate knowledge of the use of water at surface extraction sites	3	10
21156	Plan, implement, and describe surface extraction production to minimise environmental impacts	5	15

**SURFACE EXTRACTION STRAND ELECTIVE: A minimum of 30 credits is required**

UNIT	UNIT TITLE	LEVEL	CREDITS
15658	Select excavation and transportation plant for surface extraction	4	8
8905	Construct and maintain access roads within surface extraction sites	3	3
8909	Maintain working surfaces at surface extraction sites	2	2
15664	Demonstrate knowledge of the geological nature of surface extraction sites	3	5
15665	Demonstrate knowledge of the geology of surface extraction	4	5
21153	Demonstrate knowledge of dewatering, pump maintenance, cleaning settling ponds at extraction sites	3	12

**What's in it for you?**

- Get a national qualification
- Get more knowledge
- Get new skills
- Get better at your job
- Get better job prospects
- Get paid while you're learning

**What's in it for your employer?**

- Better health & safety
- Better productivity
- Better profitability
- Better performance

**THE NATIONAL QUALIFICATION FOR EXPERIENCED SUPERVISORS IN THE EXTRACTIVE INDUSTRIES**

EXITO is the Industry Training Organisation for the Extractive Industry. Industry Training is a great way to get new skills, get a national qualification and get paid all at the same time.

This National Certificate is a nationally recognised qualification which has been developed by EXITO in partnership with key industry experts to meet the needs of employees working in this type of role.

When you enrol in an EXITO national qualification, you become an EXITO trainee. Training is mostly done 'on-job' which means that you will learn new skills and knowledge from the people that you work with or from on-job trainers. When you need off-job training for specialist skills or theory (eg first aid) EXITO will help to organise this for you with an Accredited Training Provider.

All national qualifications are made up of unit standards, which describe what you need to know and be able to do in order to show that you are competent in a particular skill area. Each unit standard has a credit value, which is based on how much time is needed to become competent. One credit equates to approximately 10 learning and assessment hours.

This National Certificate has compulsory units that you must do and elective units that you can choose from. This allows you and your employer to choose the elective units that meet the needs of your situation and workplace best.

When you are ready, an EXITO assessor will check that you are 'competent', ie that you have the skills and knowledge required for a particular unit standard.

There's no set timeframe so you can learn at your own pace as long as you achieve a minimum of 20 credits per year. We can also take your existing skills and knowledge into account which means that you could complete the qualification faster than you think! Industry Training offers you a world of opportunities so find out more about what it can do for you.

**FOR MORE INFORMATION CONTACT:**

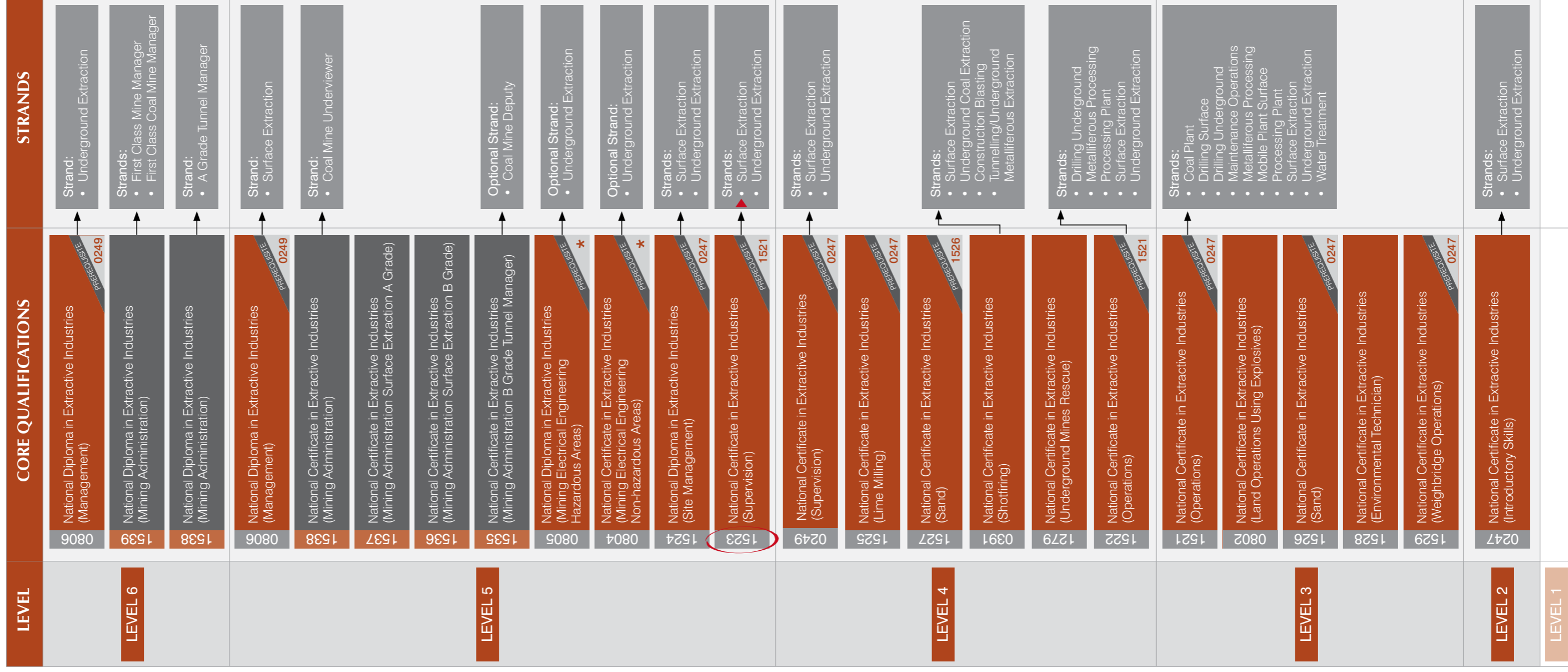
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## EXTRACTIVE QUALIFICATION PATHWAYS

This pathway diagram shows all of the national qualifications available for the Extractive Sector starting at Level 2. Some qualifications require you to complete a different qualification first, as shown by the 'prerequisite tags' below. Although the 0247 (Level 2 - Introductory Skills) is not a prerequisite for all qualifications, it covers the site essentials for health and safety and is therefore recommended for everyone working in the industry.



**On-job training** means that you learn while you are working. You learn in a range of ways, such as demonstrations, meetings and manuals and from a range of people, including your supervisor, other members of your team and EXITO industry trainer/assessors who will visit your site to deliver key skills and knowledge.

**Off-job training** is needed for specialist skill areas such as first aid and fire training.

**Surface Extraction** includes quarries, open cast coal and gold mines, lime mills, alluvial gold extraction, iron sands, and industrial minerals.

**Underground Extraction** includes metalliferous and coal underground mines and tunnels.



These tags show the prerequisites - which qualifications must be completed first.



**Additional Prerequisite for 0804/0805**  
National Certificate in Electrical Engineering (Electrician for Registration) Level 4 or equivalent knowledge, skills and electrical registration.



**Mining Administration Qualifications**  
These Mining Administration Qualifications were developed as a mirror to the CoC requirements, but provide the trainee with a National Certificate or Diploma in recognition of their achievement.

\*NOTE\* These Mining Administration Qualifications are NOT substitutes for the CoC's. Applicants are still required to meet the additional requirements as detailed in the Gazette Notice of CoC Work Experience Requirements under the Health and Safety in Employment Mining Administration Regulations 1996.