

Coal Industry Career Pathways

Core

MNC.C1.A Work Safety	II
MNC.C2.A Work Co-operatively with Others	II
MNC.C3.A Solve Individual Work Problems	II
MNC.C4.A Plan and Organise Individual Work	II
MNC.C5.A Contribute to Quality Work Outcomes	II
MNC.C6.A Apply Local Risk Control Processes	II
MNC.C7.A Apply Mine Communication Systems	II

Coal Preparation & Treatment

MNC.P1.A Handle Raw Coal	II
MNC.P2.A Monitor Coal Preparation Plant Operations	II
MNC.P3.A Control Coal Preparation Plant Operations	III
MNC.P4.A Treat and Dispose of Rejects and Tailings	II
MNC.P5.A Conduct Sampling Operations	III
MNC.P6.A Conduct Stockpile Dozer Operations	II
MNC.P7.A Conduct Stockpile Reclaimer Operations	III
MNC.P8.A Conduct Coal Rail Despatch Operations	II
MNC.P9.A Perform Coal Plant Minor Maintenance	II

General (Across Industry Functions)

MNC.G1.A Develop and Implement Risk Control Processes	IV V
MNC.G2.A Facilitate the Risk Management Process	IV V
MNC.G3.A Manage the Risk Control System	VI
MNC.G4.A Respond to Local Emergencies and Incidents	II
MNC.G5.A Conduct Fire Team Operations	III
MNC.G6.A Incorporate Health and Hygiene Factors into Mine Management	IV
MNC.G7.A Implement and Apply Health and Hygiene Management Measures	IV V
MNC.G25.A Access, Update and Retrieve Simple Computerised Information	II
MNC.G26.A Operate a Computer to Produce Documents	II
MNC.G27.A Use Keyboard Skills and Advanced Functions of Software to Produce Complex Documents	III
MNC.G28.A Use Advanced Functions of Software Packages to Produce Documents, Reports & Worksheets	III
MNC.G29.A Transfer Information Through a Computer	II
MNC.G30.A Conduct Purchasing	II
MNC.G35.A Apply Operational Maintenance Skills	II
MNC.G36.A Provide Electrical Support (To Tradesperson)	II
MNC.G37.A Service Mine Plant and Equipment	II
MNC.G38.A Perform Basic Cutting and Welding	II
MNC.G39.A Fit and Maintain Tyres and Wheels	II
MNC.G40.A Operate Gantry Crane	II
MNC.G41.A Conduct Non-Slewing Crane Operations	II

MNC.G42.A Conduct Slewing Crane Operations	III
MNC.G43.A Conduct Dogging Operations	II
MNC.G44.A Conduct Basic Rigging Operations	II
MNC.G45.A Conduct Intermediate Rigging Operations	II
MNC.G46.A Conduct Basic Scaffolding Operations	II
MNC.G47.A Conduct Intermediate Scaffolding Operations	II
MNC.G48.A Conduct Forklift Operations	II
MNC.G49.A Operate Elevating Work Platform	II
MNC.G50.A Operate Vehicle Loading Crane	II
MNC.G55.A Extend, Retract and Maintain Conveyor Componentry	II
MNC.G56.A Install, Commission and Maintain Major Conveyor Equipment and Systems	III
MNC.G57.A Repair and Splice Conveyor Belting	III
MNC.G60.A Operate Support Equipment	II
MNC.G61.A Operate Light Vehicle	II
MNC.G62.A Operate Medium Vehicle	II
MNC.G63.A Operate Heavy Rigid Vehicles	II
MNC.G64.A Operate Articulated Vehicle	II
MNC.G65.A Operate Double Vehicle	III
MNC.G66.A Operate Road Train Vehicle	III
MNC.G67.A Transport Dangerous Goods	II
MNC.G68.A Load and Unload Vehicle	II
MNC.G69.A Test Operational Functions of Production Vehicles & Equipment	II
MNC.G70.A Test Operational Function of Support Vehicles and Ancillary Equipment	II

Underground Production

MNC.U11.A Conduct Forklift Operations	II
MNC.U12.A Operate Power Tram	II
MNC.U13.A Conduct Rail Vehicle Operations	II
MNC.U14.A Conduct Tracked Vehicle / Plant Operations	II
MNC.U15.A Conduct Wheeled Vehicle Operations	II
MNC.U16.A Conduct Wheeled Grader Operations	II
MNC.U26.A Conduct Environmental Monitoring	III
MNC.U40.A Install, Maintain and Recover Gas Drainage Systems	II
MNC.U41.A Install, Maintain and Recover Electrical Services	II
MNC.U42.A Install, Maintain and Recover Water and Air Systems	II
MNC.U44.A Conduct Special Roadway Operations	IV
MNC.U45.A Recover Equipment	IV
MNC.U46.A Conduct Winding Operations	III
MNC.U48.A Conduct Shoffiring	IV
MNC.U49.A Support Shoffiring Operations	II
MNC.U50.A Conduct Rotational Drilling	II
MNC.U51.A Conduct Directional Drilling	III
MNC.U53.A Conduct Basic Strata Control Operations	II
MNC.U54.A Conduct Specialised Strata Control Operations	III
MNC.U60.A Conduct Roadway Maintenance	II

MNC.U61.A Conduct Stonedusting Operations	II
MNC.U62.A Dewater Roadways and Work Areas	II
MNC.U63.A Lay and Recover Rail	II
MNC.U64.A Install and Maintain Explosion Barriers	II
MNC.U65.A Construct and Maintain Basic Ventilation Devices	II
MNC.U66.A Construct and Maintain Ventilation Devices	III
MNC.U70.A Conduct Continuous Miner Operations	III
MNC.U71.A Conduct Shuttle Car Operations	III
MNC.U72.A Conduct Feeder Breaker Operations	II
MNC.U73.A Conduct Face Ventilation Operations	II
MNC.U74.A Conduct Outburst Mining Operations	III
MNC.U75.A Conduct Shearer Operations	III
MNC.U76.A Conduct Longwall Face Ancillary Equipment Operations	III
MNC.U77.A Conduct Pan Tech Operations	II
MNC.U78.A Install and Recover Longwall Equipment	III
MNC.U79.A Operate Breaker Line Supports	III
MNC.U80.A Conduct Flexible Conveyor Train (FCT) Operations	III
MNC.U91.A Maintain Lamp Cabin Operations	II
MNC.U92.A Maintain Bathroom Hygiene	II
MNC.U95.A Monitor Control Processes	III
MNC.U101.A Apply Spontaneous Combustion Management Measures	II

Open Cut Production

MNC.O09.A Perform Basic Earthmoving Operations	III
MNC.O10.A Conduct Dragline Operations	III
MNC.O11.A Conduct Burden and Coal Drilling Operations	III
MNC.O12.A Conduct Rope/Shovel Operations	III
MNC.O13.A Conduct Front End Loader Operations	II
MNC.O14.A Conduct Bulk Material Truck Operations	II
MNC.O15.A Conduct Bulk Water Truck Operations	II
MNC.O16.A Conduct Grader Operations	II
MNC.O17.A Conduct Scraper Operations	II
MNC.O18.A Conduct Dozer Operations	II

MNC.O19.A Conduct Surface Miner Operations	III
MNC.O20.A Conduct Auger Miner Operations	III
MNC.O21.A Conduct Bucketwheel Operations	III
MNC.O22.A Conduct Spreader Operations	III
MNC.O23.A Support Bucketwheel System Operations	II
MNC.O24.A Conduct High Wall Miner Operations (to be developed)	II
MNC.O25.A Lay and Recover Cables	II
MNC.O26.A Conduct Dewatering Operations	II
MNC.O27.A Conduct Excavator/Hydraulic Shovel Operations	II
MNC.O40.A Conduct Shoffiring Operations	IV
MNC.O41.A Support Shoffiring Operations	II
MNC.O42.A Examine and Maintain Mine Safety	IV

Technical Management

MNC.U102.A Establish the Spontaneous Combustion Management Plan	VI
MNC.U103.A Implement the Spontaneous Combustion Management Plan	V
MNC.U104.A Apply the Spontaneous Combustion Management Plan	IV
MNC.U106.A Establish the Ventilation Management Plan	VI
MNC.U107.A Implement the Ventilation Management Plan	V
MNC.U108.A Apply and Monitor the Ventilation Management Plan	IV
MNC.U109.A Manage, Operate and Maintain the Mine Ventilation System	VI V
MNC.U111.A Establish the Gas Management Plan	VI
MNC.U112.A Implement the Gas Management Plan	V
MNC.U113.A Apply and Monitor the Gas Management Plan	IV
MNC.U116.A Establish the Gas Drainage Management Plan	VI
MNC.U117.A Implement the Gas Drainage Management Plan	V
MNC.U118.A Apply and Monitor the Gas Drainage Management Plan	IV
MNC.U121.A Establish the Outburst Management Plan	VI
MNC.U122.A Implement the Outburst Management Plan	V

MNC.U123.A Apply and Monitor the Outburst Management Plan	IV
MNC.U131.A Establish the Mining Method and Strata Management Systems	VI
MNC.U132.A Implement the Strata Management Plan	V
MNC.U133.A Apply and Monitor the Strata Management Plan	IV
MNC.U136.A Establish Mine Transport Systems and Production Equipment	VI
MNC.U137.A Implement Mine Transport Systems and Production Equipment	V
MNC.U138.A Apply and Monitor Mine Transport Systems & Production Equipment	IV
MNC.U141.A Establish Mine Services Systems	VI
MNC.U142.A Implement Mine Services Systems	V
MNC.U143.A Apply and Monitor Mine Services Systems	IV
MNC.U146.A Establish Mine Fixed Plant and Infrastructure Systems	VI
MNC.U147.A Implement Mine Fixed Plant and Infrastructure Systems	V
MNC.U148.A Apply and Monitor Mine Fixed Plant and Infrastructure Systems	IV
MNC.U151.A Establish Emergency Preparedness and Response Systems	VI
MNC.U152.A Implement Emergency Preparedness and Response Plans	V
MNC.U153.A Apply and Monitor Emergency Preparedness and Response Plans	IV

Frontline Management (FMI)

BSXFM1306A Manage Workplace Information	IV V
BSXFM1307A Manage Quality Customer Service	IV V
BSXFM1308A Develop and Maintain Safe Workplace and Environment	IV V
BSXFM1309A Implement and Monitor Continuous Improvement Systems and Processes	IV V
BSXFM1310A Facilitate and Capitalise on Change and Innovation	IV V
BSXFM1311A Contribute to Development of a Workplace Learning Environment	IV V
BSXFM1301A Manage Personal Work Priorities and professional Development	IV V
BSXFM1302A Provide Leadership in the Workplace	IV V
BSXFM1303A Establish and Manage Effective Workplace Relations	IV V
BSXFM1304A Participate In, Lead and Facilitate Work Teams	IV V
BSXFM1305A Manage Operations to Achieve Planned Outcomes	IV V

Leadership and Management

MNC.L40.A Manage Personal Performance	VI
MNC.L41.A Conduct Business Meetings	VI
MNC.L42.A Facilitate Effective Working Relationships	VI
MNC.L43.A Develop Management Teams	VI
MNC.L44.A Allocate and Review Responsibilities	VI
MNC.L45.A Manage Operational Environment	VI
MNC.L46.A Resource Minesite Plans and Objectives	VI
MNC.L47.A Evaluate and Enhance Minesite Performance	VI
MNC.L48.A Manage Minesite Marketing	VI
MNC.L49.A Apply Decision Processes	VI

Australian Coal Industry Recognising your skills

The Coal Industry Training Package –

- Recognises the skills and knowledge employees apply at work
- Developed by industry to meet current and emerging skill needs
- Provides employees with a portable qualification and career pathways
- Recognised across Australia
- Encourages flexible, cost-effective approaches to training and assessment

Use this wall-chart to identify your current skills.

QUALIFICATION STRUCTURES

Certificate II in Coal Operations	AQF 2	7 Core Units, MNC.C1.A to MNC.C7.A. Plus 9 Elective Units
Certificate III in Coal Operations	AQF 3	16 Units for Certificate II. Plus 6 Elective Units
Certificate IV in Coal Operational Management	AQF 4	11 Technical Management Units. Plus 4 Elective Units
Diploma of Coal Operational Management	AQF 5	11 Technical Management Units. Plus 4 Elective Units
Advanced Diploma of Coal Operational Management	AQF 6	11 Technical Management Units. Plus 4 Elective Units

FOR FULL DETAILS SEE QUALIFICATION LISTS IN THE COAL INDUSTRY TRAINING PACKAGE

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QUALIFICATIONS

LEARNING STRATEGIES

ASSESSMENT RESOURCES

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