



Government of **Western Australia**
Department of **Mines, Industry Regulation and Safety**
Resources Safety

Safety Regulation System (SRS) injury classification code index

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Note: NOC = not otherwise classified

1 Occupation

Identify the occupation the worker was doing at the time and allocate an appropriate code.

100000 Management and supervisory

110000	General management occupations	
	111000	Financial manager
	112000	Personnel manager
	113000	Sales manager
	114000	Purchasing manager
	115000	Manager NOC
120000	Engineering occupations	
	121000	Mining engineer
	122000	Mechanical engineer
	123000	Civil engineer
	124000	Chemical engineer
	125000	Metallurgical engineer
	126000	Petroleum engineer
	129000	Engineer NOC
130000	Professional and related occupations	
	131000	Chemist
	132000	Geologist
	133000	Metallurgist
	134000	Environmental scientist or assistant
	135000	Surveyor
	136000	Draftsman
	137000	Health or medical occupations
	137100	Doctor
	137200	Occupational health nurse
	137300	First aid attendant
	138000	Industrial hygienist
	139000	Professional and related NOC
140000	Management or administration services	
	141000	Security officer
	142000	Safety officer
	143000	Training officer
	144000	Personnel officer
	145000	Clerical or secretarial occupations
	146000	Township or accommodation occupations

		146100	Caretaker
		146200	Housekeeper or cleaner
		146300	Handyman
		146400	Gardener
		146500	Groundsman
		146900	Township or accommodation occupations NOC
	147000	Catering occupations	
		147100	Cook
		147200	Catering assistant
		147300	Kitchen hand
		147400	Canteen attendant
		147900	Catering occupations NOC
	148000	Cleaning or laundering occupations	
		148100	Cleaners
		148200	Change house attendant
	149000	Manager or administrative services occupations NOC	
150000	Mine management occupations		
	151000	Mine manager	
	152000	Underground manager	
	153000	Assistant underground manager	
	154000	Under manager	
	155000	Mine or pit superintendent	
	159000	Mine management occupations NOC	
160000	Supervisory occupation		
	161000	Deputy (coal)	
	162000	Foreman or shift boss underground	
	163000	Foreman or shift foreman surface	
	164000	Overman (coal)	
	165000	Supervisor	
170000	Prospector		

200000 Underground production and services

210000	Miners production or development (underground)			
	211000	Contract miners		
		211100	Stope miner	
			211110	Stope miner – handheld
			211120	Stope miner – jumbo
		211200	Development miner	
			211210	Development miner – handheld

			211220	Development miner – jumbo
		211300	Shaft sinker	
			211310	Shaft sinker – handheld
			211320	Shaft sinker – jumbo
	212000	Coal miner (underground)		
		212100	Composite miner	
		212200	Continuous miner driver	
		212300	Machineman	
		212400	Coal miner NOC	
		212500	Borer / shotfirer	
		212600	Shiftman	
	213000	Non-contract miners (underground)		
		213100	Miner – handheld	
		213200	Miner – jumbo	
		213300	Popper machineman	
	214000	Trainee miner		
	215000	Miner NOC		
	216000	Miner assistant		
220000	Long hole drill and blast occupations (underground)			
	221000	Long hole drill operator		
	222000	Long hole driller assistant		
	223000	Shotfirer		
	224000	Shotfirer assistant (charging)		
230000	Diamond driller / raiseborers			
	231000	Diamond drill operator		
	232000	Diamond drillers assistant		
	233000	Raiseborer operator		
	234000	Raiseborer assistant		
240000	Loading / transport occupations (underground)			
	241000	Diesel loader operator		
	243000	Scraper operator		
	244000	Locomotive driver		
	245000	Truck driver		
	246000	Plant operator		
		246100	Bobcat driver	
		246200	Grader driver	
	247000	Underground personnel transport driver		
	248000	Conveyor attendant or operator		
	249000	Trucker		

	249900	Loading or transport occupations NOC	
250000	Ground / roof support occupations (underground)		
	251000	Timberman	
	252000	Roofbolter	
	253000	Hydraulic fill operator	
260000	Services occupations (underground)		
	261000	Ventilation occupations	
		261100	Ventilation officer
		261200	Ventilation man
	262000	Tracklayer or platelayer	
	263000	Pipefitter	
	264000	Pumpman or pump attendant	
	265000	Nipper or salvageman / utilityman	
	266000	Underground crushing operator	
		266100	Grizzleyman / pass runner
	267000	Underground labourer / tool carrier	
	268000	Sanitaryman	
	269000	Underground services occupation NOC	
		269100	Scaler
270000	Underground winding & hoisting occupations		
	271000	Winding engine driver	
	272000	Hoist driver	
	273000	Platman	
	274000	Skipman	
	275000	Braceman	
	276000	Brakeman	
	277000	Onsetter	
	279000	Winding and hoisting occupations NOC	

300000 Mining production and services (surface – open pit)

310000	Blast hole drilling surface	
	311000	Blast hole drill operator
	312000	Blast hole drill operators assistant
	313000	Air track or crawl air driller
	314000	Sniper drill operator (rubber tyred)
320000	Charging and blasting (surface)	
	321000	Powder monkey / leading hand / shotfirer
	322000	Powder truck driver
	323000	Powder crew labourer

330000	Exploration drilling (surface)	
	331000	Driller
	332000	Driller assistant
340000	Excavation equipment operators (surface)	
	341000	Bucketwheel operator
	342000	Bucketwheel operator assistant
	343000	Dragline operator
	344000	Rope shovel operator
	346000	Hydraulic excavator operator
	347000	Dredge operator
	348000	Front end loader operator
	349000	Excavation equipment operator NOC
350000	Mobile plant operator (surface)	
	351000	Bulldozer operator
	352000	Grader driver
	353000	Backhoe operator
	354000	Scraper driver
	359000	Mobile plant operator NOC
360000	Driving occupations (surface)	
	361000	Haulage truck driver
	362000	Water truck driver
	363000	Explosives truck driver
	364000	Fuel / grease /service truck driver
	365000	Hiab truck driver
	366000	Passenger vehicle driver / bus driver
	367000	Equipment transport driver
	369000	Driver NOC
370000	Open cut service occupations	
	371000	Greaser / oiler
	372000	Quarry labourer or labourer
	373000	Fuel and lubrication serviceman
	374000	Wash bay operator
	375000	Dump spotter
	376000	Weighbridge operator
	377000	Surveyors assistant – chainman
	378000	Field assistant pit tech, sampler
	379000	Mine worker NOC
390000	Contractor or contractors employees NOC	

400000 Ore treatment occupations

410000	Final product handling / transport occupations	
	411000	Processing plant operator
	412000	Processing plant serviceman
	413000	Processing plant utility worker
420000	Mobile plant occupations	
	422000	Mobile plant operator NOC
430000	Final product handling / transport occupations	
	431000	Final product packer / loader / dumper operator
	432000	Final product warehouse operator
	433000	Final product handling or transport NOC
440000	Sampling, assay, laboratory occupations	
	441000	Laboratory technician / assistant / analyst
	442000	Sample preparation operator
	443000	Sampler / sample plant operator

500000 Railway operations occupations

510000	Railway controller	
520000	Locomotive crews	
	521000	Locomotive driver
	522000	Observer
	523000	Trainee observer
	524000	Shunter locomotive driver
530000	Track laying / maintenance	
	531000	Ganger
	532000	Platelayer
	533000	Track maintenance machine operator
	534000	Track labourer
540000	Car and wagon examiner	
550000	Railway yardman	

600000 Metal working progressing trades

610000	Sheet metal trades	
	611000	Metal patternmaker
	612000	Sheet metal worker
	613000	Coppersmith
	614000	Guillotine operator
	615000	Millwright
620000	Metal machining trades	

	621000	Metal machinist
	622000	Fitter and turner
630000	Fitters mechanical	
	631000	Fitter
	632000	Fitter – welder
	633000	Fitter – diesel
	634000	Fitter – pipe
640000	Structural steel trades	
	641000	Boilermaker welder
	642000	Boilermaker
	643000	Welder
650000	Metal trades apprentices	
	651000	Sheet metal apprentice
	652000	Metal machining apprentice
	653000	Fitters apprentice
	654000	Boilermakers apprentice
	659000	Apprentice NOC
660000	Trades assistant	
690000	Metal trades	
	691000	Tool and dye setter
	692000	Saw setter
	693000	Electroplater
	694000	Blacksmith
	695000	Shipwright
	696000	Instrument artificer
	697000	Lamp room mechanic and assistant
	698000	Toolmaker
	699000	Drill doctor

700000 Electrical or electronic trades

710000	Electrical trades	
	711000	Linesman
	712000	Electrical fitter
	712100	Cable splicer
	713000	Electrical mechanic
	714000	Automotive electrician
	715000	Refrigeration mechanic
	716000	Air-conditioning mechanic
	717000	Electrical installer

	718000	Lift mechanic
	719000	Electrician NOC
720000	Electronic trades	
	721000	Radio technician
	722000	Telecommunication technician
	723000	Telecommunication trainee
	724000	Signals technician
	725000	Instrument technician
730000	Electrical / electronic apprentices	
	731000	Electrical apprentice
	732000	Electronic apprentice
790000	Electrical trades assistant	
	791000	Electrical trades assistant

800000 Miscellaneous trades or utilities

810000	Construction trades	
	811000	Bricklayer
	812000	Carpenter or joiner
	813000	Painter
	814000	Plasterer or tiler
	815000	Plumber or drainer
	816000	Rigger or rope splicer
	817000	Scaffolder
	818000	Construction trades apprentice
	819000	Construction trades assistant
820000	Conveyor belt repair occupations	
	821000	Belt repairer
	822000	Belt repairer assistant
	823000	Trainee belt repairer
830000	MOTOR / ENGINE TRADES	
	831000	Motor mechanic
	832000	Diesel motor mechanic
	833000	Brake mechanic
	834000	Tyre fitter
	835000	Panel beater
	836000	Spray painter
	837000	Mechanic NOC
	838000	Trades assistant
	839000	Sand blaster

840000	Power plant operators	
	841000	Power plant engine driver
	842000	Power plant trainee engine driver
	843000	Power plant greaser
	844000	Boiler attendant
	845000	Fireman
850000	Water treatment plant operator	
860000	Waste disposal equipment operator	
870000	Gas supply service operator	
890000	Utility operator NOC	

900000 Material handling – stores or warehouse occupations

910000	Crane driving occupations	
	911000	Mobile crane driver
	912000	Tower crane driver
	913000	Overhead crane driver (cabin controlled)
	914000	Crane driver NOC
	915000	Dogman or cranechaser
920000	Fork lift operator	
930000	Storeman NOC	
	931000	Toolstore attendant
990000	Non-mining occupations	
	991000	Seafaring occupation
	992000	Farming occupations

2 Nature of injury

Identify the nature of injury and allocate an appropriate code.

1000 Heart attack, asphyxia or shock

1200	Heart attack	
1300	Asphyxia	
	1310	Drowning
	1320	Suffocation
	1330	Strangulation
1400	Shock	

2000 Effects – toxic chemical or fumes

2100	Effects – solvents or petroleum product	
	2110	Occupational skin disease/dermatitis/rash
2200	Effects – acids /caustic	
	2210	Burns - chemical
	2220	Acids or caustic irritation (eyes)
2300	Effects – lead / mercury / etc	
2400	Effects – gases / vapours	
	2410	Effects – carbon monoxide
	2420	Effects – hydrogen cyanide
	2430	Effects – blasting fumes
	2490	Effect gases or vapours NOC
2900	Effects of chemical NOC	
	2910	Chemical irritation (eyes)

3000 Electric shock

3100	Electric shock (no burns)	
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4000 Burns

4100	Burns – thermal	
4200	Burns – radiation	
4300	Burns – electric arc or flash	
4400	Burns – abrasion or friction	
4900	Burns – unspecified	

5000 Musculoskeletal

5100	Sprain	
5200	Strain	

	5210	Hernia
	5220	Repetitive strain injury (RSI)
		5221 Tenosynovitis, synovitis or bursitis
	5230	Inflammation – joints or tendons – bursitis
5300	Dislocation	
	5310	Dislocation of joint
	5320	Dislocation of vertebrae
		5321 Displacement of disc
5400	Fractures – breaks	
	5410	Compound fracture
	5420	Simple fracture
5500	Amputation	
5600	Crushing	
5900	Musculoskeletal – unspecified	

6000 Superficial injury

6100	Laceration	
6200	Bruise or contusion	
6300	Puncture wound	
	6310	Bite – animal or insect
	6320	Splinter
6400	Foreign body (not chemicals)	
6500	Nausea	
6600	Blistering	
6700	Swelling	
6800	Pain	
6900	Abrasion	
	6990	Wound or cut – unspecified

8000 Effects – exposure

8100	Effects of submersion	
8200	Nervous stress / metal disorder	
8300	Effects of exposure to heat	
8400	Effects of exposure to cold	
8500	Effects of fatigue	

9000 Other injuries

9100	Loss of consciousness NOC
9200	Hearing impairment/loss
9300	Eye irritation (not chemical)
9400	Infection
9600	Jarring
9700	Concussion
9800	Multiple injuries
9900	Injuries – unspecified

3 Part of body

Identify the part of the body affected by the injury identified in *Part 2 Nature of injury* and allocate an appropriate code.

1000 Head

1100	Cranium		
	1110	Skull	
		1111	Scalp
	1120	Forehead	
	1130	Temple	
	1140	Brain	
1200	Eye		
1300	Ear		
	1310	External	
	1320	Middle	
	1330	Inner	
1400	Mouth		
	1410	Lips	
	1420	Tongue	
	1430	Teeth	
	1440	Tonsils	
1500	Nose		
1600	Face		
	1610	Jaw cheek	
	1620	Face muscles	
1800	Head – multiple		
1900	Head – unspecified		

2000 Neck

3000 Trunk

3100	Back		
	3110	Spinal vertebrae or disc	
	3120	Spinal muscle or tendon	
	3180	Back – other or multiple	
		3181	Back – lower
		3182	Back – upper
3200	Chest		
	3210	Ribs and/or sternum	
	3220	Chest muscles or tendons	

	3230	Chest – collar bone
	3280	Chest other multiple
3300	Abdomen	
	3310	Abdomen muscles or tendons
	3380	Abdomen – other or multiple
	3390	Abdomen – unspecified
		3391 Internal injury
3400	Pelvic region	
	3410	Pelvic – bones, muscles or tendons
	3480	Pelvic – other or multiple
3500	Groin	
3800	Trunk – multiple	

4000 Arm

4100	Shoulder	
4200	Upper arm	
4300	Elbow	
4400	Lower arm	
4500	Wrist	
4600	Hand	
	4610	Hand – bones etc alone
	4620	Hand – muscles alone
	4630	Fingers alone
	4640	Thumb alone
	4650	Finger(s) and thumb
	4660	Hand and fingers or thumb
	4680	Hand – multiple
	4690	Hand – unspecified
4800	Arm – multiple	

5000 Leg

5100	Hip	
5200	Upper leg	
5300	Knee	
5400	Lower leg	
5500	Ankle	
5600	Foot and toes	
	5610	Foot – bones etc alone
	5620	Foot – muscles etc alone

	5630	Toes alone
	5640	Foot and toes
	5680	Foot alone - multiple
	5690	Foot – unspecified
5800	Leg multiple	

6000 Multiple locations

6100	Neck and trunk	
6200	Head and neck	
6300	Head and other	
6400	Trunk and limbs	
6500	Combined upper or lower limbs	
6900	Multiple	
	6910	Multiple – minor injury
	6920	Multiple – serious injury
	6930	Multiple – skin areas

7000 General locations

7100	Circulatory system – general	
	7110	Heart
	7120	Veins or arteries
7200	Respiratory system – general	
	7210	Respiratory system – lungs
7300	Digestive system – general	
7400	Nervous system – general	
7800	General body location – other	

8000 Unspecified locations

4 Location of accident

Identify the location of the accident and allocate an appropriate code.

020 Non-mining (not on a mine site)

040 Exploration (not on a mine site)

100 Underground

110	Access, travelling or haulage ways	
	111	Brace or winder building
	112	Shaft
	113	Plat
	114	Decline, adit or drift
	115	Haul road or level
	116	Conveyor road
	117	Ladder way
	118	Return airways
120	Underground production or development areas	
	121	Underground face area (coal)
	122	Underground stope
	125	Loading pocket
	126	Raise (development)
	127	Decline or winze (development)
	128	Level (development)
	129	Capital (development)
130	Underground workshops	
140	Pump chamber	
150	Underground storage areas	
	151	Fuel storage
	152	Explosives magazines
	153	Underground stores – general
160	Underground ore or waste dumping	
	161	Ore, waste tip or pass area
	162	Grizzly
	163	Mill hole
170	Underground crushing area	
180	Ancillary locations	
	181	Crib room
	182	Latrine
190	Underground NOC	

200 Open pit production or development areas

210	Face loading area	
220	Bench area not haul road	
	221	Drill pattern area
	222	Heavy vehicle park up area
230	Haul road	
	231	Haul road – level
	232	Haul road – ramp or incline
240	Waste dump area	
250	Ore tipping area	
260	In pit crushing	
	261	In pit crusher area
	262	In pit conveyors
270	Stockpile – run of mine	
280	Salt production areas	
290	Open cut NOC	
	291	Dredge
	299	Open cut – place not stated

300 Surface work areas – general

310	Mine access road/not haul road	
320	Park up areas/heavy vehicles/plant	
330	Warehouse / stores	
340	Explosives magazine	
350	Fuel storage area	
360	Laboratory	
370	Storage yard or rebuild area	
380	Lube bay or service bay	
	381	Wash down area
390	Surface general area NOC	

400 Treatment plant or ore processing

411	Process control rooms
413	Crushing, screening or conveyor
416	Heap, vat or in-situ leaching
419	Grinding or classification
422	Gravity concentration or magnetic separation
425	Flotation
428	Leaching

431	Solvent extraction, scrubbers or strippers
434	Filters, presses or wet screening
437	Thickening or clarification
439	Crystallisation, nucleation or ion exchange
441	Electrowinning or cell house
444	Smelter, roaster or furnace areas
447	Gold room and elution facilities
451	Tailings storage facility
454	Product packaging or storage
457	Sample plant or station
461	Reagent or raw material storage areas
464	Reagent or raw materials preparation plants
467	Water treatment plants
471	Processing plant other

500 Crushed ore areas

510	Stockpiles	
	511	Stockpile access roads
520	Train loading or unloading	
	521	Train loader or loading area
	522	Train unloader or tippler area
530	Stacker or reclaim area	
540	Stacker or reclaim conveyors	
550	Wharf area	
	551	SHIPLOADER WHARF
	552	CONVEYORS WHARF

600 Workshop surface

610	Workshop heavy equipment
620	Workshop electrical or instruments
630	Workshop railway
640	Workshop auto or light vehicles
650	Workshop boilermakers
660	Workshop painters or carpenters
670	Workshop tyre fitting
680	Workshop belt repairs
690	Workshop NOC

700 Railways

710	Main line	
	711	Main line – on track
	712	Main line – off track
720	Siding	
	721	Siding – on track
	722	Siding – off track
730	Railway access road	
740	Railway yard	

800 Power generation plant

810	Control room	
820	Distribution or sub-stations	
830	Engine room	

900 Administration areas

910	Offices or administration buildings	
920	Crib room, canteen or mess	
930	Showers or change room	
940	Lamproom	
950	Car park	
960	Pathways	
970	Gardens	
990	Administration – NOC	

5 Type of accident

Identify the action, exposure or event that best describes the circumstances that resulted in the injury, as identified in *Part 2 Nature of injury* and allocate an appropriate code.

1000 Fall – person or rockfalls

1100	Fall – person height or depth		
	1110	Fall 0.5-2.0 metres	
	1120	Fall 2-5 metres	
	1130	Fall 5-10 metres	
	1140	Fall more than 10 metres	
1200	Fall, slip or trip – same level		
	1210	Fall over loose object	
	1220	Fall over fixed object	
	1230	Fall no object involved	
		1231	Fall on uneven surface
		1232	Fall on slippery surface
	1240	Fall NOC	
	1250	Fall handling equipment	
	1260	Fall on stairway / steps	
1300	Fall getting on mobile equipment or vehicle		
	1310	Fall getting on haul trucks	
	1320	Fall getting on mobile plant	
	1330	Fall getting on light vehicle	
	1340	Fall getting on other equipment	
1400	Fall getting off mobile equipment or vehicle		
	1410	Fall getting off haul trucks	
	1420	Fall getting off mobile plant	
	1430	Fall getting off light vehicle	
	1440	Fall getting off equipment NOC	
	1450	Fall getting off trucks NOC	
1500	Rock falls underground		
	1510	Rock fall hanging wall	
	1520	Rock fall footwall	
	1530	Rock fall face	
	1540	Rock fall muckpile or pass	
	1550	Rock fall handling or transport	
	1560	Rock fall coal mining	
		1561	Rock fall wongawilli
		1562	Rock fall pillar splitting

		1563	Rock fall development
		1564	Rock fall machine recovery
		1565	Rock fall clearing fall
	1590	Rock fall NOC	
1600	Rock falls or falls of group surface		
	1610	Rock fall working face	
	1620	Rock fall high wall slump	
	1630	Rock fall bench slump	
	1640	Rock fall handling or transport	
	1690	Rock fall or fall of ground NOC	

2000 Struck by or struck against

2100	Struck by object (not rock or coal)		
	2110	Struck by falling object	
		2111	Fall object during handling
	2120	Struck by flying object	
	2130	Struck by sliding object	
	2140	Struck by moving object (powered – not vehicle)	
	2150	Struck by moving object NOC	
2200	Struck by person		
2300	Struck against object		
	2310	Still object	
	2320	Moving object	
2400	Struck by moving vehicle or mobile plant		
2500	Caught by or between (not operating machine)		
	2510	Caught by still and moving object	
	2520	Caught by or between moving object	
	2530	Caught by run of ore	
2600	Caught by or between operating machine		
2700	Motor vehicle collision		
2800	Motor vehicle rollover		
2900	Motor vehicle, equipment jolting or jarring		

3000 Stepping or jumping (no fall)

3100	Stepping person (no fall)		
	3110	Stepping on object	
	3120	Stepping on uneven surface	

	3130	Stepping on loose rock
	3140	Stepping to higher level
	3150	Stepping to lower level
3200	Jumping by person	
	3210	Jumping to higher level
	3220	Jumping to lower level
	3230	Jumping from moving object

4000 Overexert strenuous movement

4100	Overexert lifting unassisted	
4200	Overexert lifting assisted	
4300	Overexert carrying	
4400	Overexert lifting and carrying	
4500	Overexert pulling or pushing	
4600	Overexert moving object	
4700	Overexert no object involved	
4800	Strenuous movements	
	4810	Strenuous movement – no specific event
4900	Vibration – not motor vehicles	

5000 Exposure to environment

5100	Exposure to environmental heat	
5200	Exposure to environmental cold	
5300	Exposure to environmental noise	
5400	Exposure to environmental dust	
5500	Exposure to mental stress	
5900	Exposure to environment NOC	

6000 Contact with object (not chemical)

6100	Contact with electric current	
6200	Contact with hot substance or object	
	6210	Contact with naked flame
	6220	Contact with molten metal or slag
	6230	Contact with hot solid
	6240	Contact with hot liquid
	6250	Contact with hot gas or steam
6300	Contact with cold substance or object	
6400	Contact with tool	
	6410	Contact with hand tool (non power)

		6411	Contact with saw
		6412	Contact with knife
		6413	Contact with hammer
		6414	Contact with pick
		6415	Contact with other hand tool
	6420	Contact with handheld power tool	
		6421	Contact with power saw
		6422	Contact with power grinder
		6423	Contact with power drill
		6424	Contact with other power tools
		6425	Contact with compressed air
		6430	Contact with fixed power machine
6500	Contact with foreign body		
	6510	Contact with foreign body (solid)	
	6520	Contact with foreign body (liquid)	
6600	Contact with sharp object		
6700	Contact with high pressure fluid		

7000 Contact with chemicals or fumes

7100	Chemical inhalation including smoke	
	7110	Inhalation acid
	7120	Inhalation caustic
	7130	Inhalation cyanide
	7140	Inhalation diesel fumes
	7150	Inhalation blast fumes
	7160	Inhalation adhesive fumes
	7170	Inhalation solvent fumes
	7180	Inhalation mercury fumes
	7190	Inhalation other chemical
7200	Chemical absorption	
	7210	Absorption acid
	7220	Absorption caustic
	7230	Absorption cyanide
	7240	Absorption mercury
	7250	Absorption industrial solvents

	7270	Absorption diesel
	7280	Absorption lime
	7290	Absorption other chemicals
7300	Chemical ingestion	

8000 Explosion or implosion

8100	Explosives detonation	
8200	Compressed air explosion	
	8210	Pressure vessel explosion
	8220	Vehicle tyre explosion
8300	Compressed gas or steam explosion	
	8310	Pressure vessel explosion
8400	Other explosion or implosion	

9000 Miscellaneous type of accident

9100	Bite insect or animal	
9200	Friction or rubbing (blisters)	
9300	Journey to or from work	
9400	Welding flash	
9500	Oxygen deficiency	
9700	Recurrence old injury	
9900	Not known	
	9999	Not stated

6 Injured person activity

Identify the action, exposure or event that best describes the circumstances the worker was doing at the time and allocate an appropriate code.

1000 Miscellaneous tasks or administration

1100	Crib, meal or smoking breaks
1200	Bathing or dressing
1300	Travelling to or from mine
1400	Management or administration tasks
1500	Professional activities
1600	Supervision activities
1900	Attend for medical treatment

2000 General activities

	2080	Activity unknown
	2090	Activity not stated
2100	Moving or travelling activity	
	2110	Walking
	2120	Running
	2130	Climbing up or down (not vehicles)
	2140	Stepping up or down (not vehicles)
	2150	Jumping
	2160	Passenger in/on vehicle
	2170	Getting on vehicle or equipment
	2180	Getting off vehicle or equipment
	2190	Moving or travelling NOC
2200	Stationary activities (not using tools)	
	2210	Standing, inspecting or observing
	2220	Sitting or lying (not vehicle)
	2230	Rising from sitting or lying
	2240	Kneeling
	2250	Stretching or reaching
	2260	Twisting body movement
	2270	Bending body movement
	2280	Throwing
	2290	Other body movements NOC
2300	Lifting activities	
	2310	Lifting unassisted
	2320	Lifting assisted
2400	Moving object or equipment	

	2410	Pulling object or equipment
	2420	Pushing object or equipment
	2430	Carrying object or equipment
	2440	Holding object or equipment
	2450	Moving object or equipment NOC
2500	Vehicle checking activities	
	2510	Removing radiator cap
	2520	Cleaning vehicle
	2530	Refueling vehicle
	2540	Lubricate vehicle

3000 Using hand held power tools

3100	Using power saw
3200	Using power grinder
3300	Using power drill
3400	Using riveting machine
3500	Using impact wrench
3600	Using hydraulic jacks
3700	Using power tools
3800	Using oxy-acetylene equipment
3900	Using welding equipment

4000 Using hand tools (not powered)

4100	Using shovel
4200	Using pick
4300	Using pinch bar (not for scaling)
4400	Using hammer
4500	Using wrench
4600	Using spanner
4700	Using broom
4800	Using wash down hose
4900	Using hand tools or equipment

5000 Underground mining task

5100	Underground drilling or boring task	
	5110	Operate hand held drill
	5120	Operate long hole drill
	5130	Operate development jumbo
	5140	Operate shaft jumbo

	5150	Operate raise borer or drill
	5160	Operate diamond drill
	5170	Operate drilling machine NOC
5200	Underground blasting or shotfiring	
	5210	Cleaning out shot holes
	5220	Charging or stemming blast holes
	5230	Firing
	5240	Handling or transporting explosives
5300	Underground loading or haulage task	
	5310	Operate continuous miner
	5320	Operate road header
	5330	Operate front end loader
	5340	Operate mechanical bogger
	5350	Operate truck
	5360	Operate locomotive
	5370	Hand trucking activities
	5380	Operate light vehicle
	5390	Operate equipment NOC
5400	Winding or hoisting tasks	
	5410	Operate winder
	5420	Operate hoist underground
	5430	Load skip
	5440	Load cage
	5450	Load kibble
5500	Underground conveyor task	
	5510	Install conveyor system
	5520	Remove conveyor belting
	5530	Repair conveyor belting
	5540	Conveyor tending or cleaning
5600	Ground support task underground	
	5610	Test roof
	5620	Bar down/scale
	5630	Roof bolt or rock bolt
	5640	Install roof supports
	5650	Remove roof supports
5700	Underground pipes, tracks or services	
	5710	Road laying or track laying
	5720	Pipe fitting
5800	Underground ventilation task	

	5810	Install ventilation equipment
		5813 Install or remove vent duct
	5820	Erect ventilation stoppings/overcast
	5830	Erect brattice
	5840	Stone dusting
	5850	Remove ventilation equipment
5900	Underground miscellaneous activities	
	5910	Mine timbering
	5920	Travelling in shaft or hoist
	5930	Operate mobile equipment NOC

6000 Surface mining task

6100	Surface drilling activities	
	6110	Operate blasthole drill
	6120	Operate track drill
	6130	Operate sniper drill (rubber tyred)
	6140	Operate diamond drill
	6150	Operate hand held drill
	6190	Operate drill machine NOC
6200	Surface charge or blast activities	
	6210	Charging blastholes
	6220	Stemming blastholes
	6230	Tying up shot
	6240	Firing blastholes
	6250	Handling or transporting explosives
6300	Surface loading activities	
	6310	Operate shovel
	6320	Operate dragline
	6330	Operate bucketwheel
	6340	Operate dredge
	6350	Operate hydraulic excavator
	6360	Operate front end loader
6400	Surface hauling activities	
	6410	Operate haulage truck
	6420	Operate scraper
6500	Surface mobile plant activities	
	6510	Operate bulldozer
	6520	Operate grader

	6530	Operate backhoe
	6540	Operate mobile plant
6600	Pit crushing	
	6610	Operate crusher
	6620	Operate conveyors
6700	Surface materials handling/lifting	
	6710	Operate crane
	6720	Operate forklift
	6730	Operate elevator or cherry picker
	6740	Operate hoist
	6750	Assist crane driver
6800	Surface miscellaneous driving activities	
	6810	Drive water truck
	6820	Drive explosives truck
	6830	Drive grease truck
	6840	Drive fuel truck
	6850	Drive passenger vehicle (manhaul)
	6860	Drive bus
	6870	Drive light vehicle
	6880	Drive motorcycle
	6890	Drive other vehicle NOC
6900	Railway activities	
	6910	Operate locomotive
	6920	Operate track maintenance machine
	6990	Track labouring NOC

7000 Treatment plant tasks

7100	Attend or control plant	
	7110	Attend control room
	7120	Attend fixed machinery or plant
	7130	Attend or maintain conveyors
7200	Production mixing, testing or sampling	
	7210	Add or mix reagents
	7290	Quality control activity NOC
7300	Production process activity	
	7310	Change or clear screens
	7320	Clear process blockages
	7330	Complete mechanical change to process
	7340	Clean tanks and vessels

7900	Miscellaneous treatment plant tasks NOC
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8000 Trades tasks

8100	Metal working task	
	8110	Install equipment
	8120	Remove equipment
	8130	Repair equipment
	8140	Test equipment
	8150	Assemble equipment
	8160	Machine or drill (fixed machinery)
8200	Electrical task	
	8210	Install electrical equipment
	8220	Remove electrical equipment
	8230	Repair electrical equipment
	8240	Test electrical equipment
	8250	Assemble electrical equipment
8300	Woodworking task	
	8310	Install woodwork
	8320	Remove woodwork
	8330	Repair woodwork
8400	Construction task	
8900	Miscellaneous task	
	8910	Labouring or assist tradesman

9000 Utilities, services or inspection

9100	Cleaning buildings or accommodation	
	9110	Clean bathroom
	9120	Attend or maintain grounds
9200	Security activities	
9300	Compressed air activities	
	9310	Install air compressor equipment
	9320	Install compressed air-pipe
	9330	Install compressed air-hose
	9340	Repair compressed air equipment
	9350	Remove compressed air equipment
9400	Pumping services activities	
	9410	Install pumping equipment
	9420	Install pipes or lines
	9430	Install hoses

	9440	Repair pumping equipment
	9450	Remove pumping equipment
9500	Compressed gas services activities	
	9510	Install compressed gas equipment
	9520	Install tanks or cylinders
	9530	Install gas pipes/lines
	9540	Repair compressed gas equipment
	9550	Remove compressed gas equipment
9700	Safety or emergency activities	
9800	Inspection or testing activities	
9900	Miscellaneous inspection or services	

7 Breakdown agency

Identify the object, substance, or circumstance that was principally involved in, or most closely associated with, the breakdown event and allocate an appropriate code.

Group 1 Machinery and (mainly) fixed plant

11	Cutting, slicing and sawing machinery	
	111	Mechanical, shears, slicers, guillotines
	112	Circular saws
	113	Other powered saws
	114	Planing machines
	115	Log peeling machines
	116	Lathes
	117	Grinders
	118	Cutting, slicing, mincing food preparation machines
	119	Other and not specified cutting, slicing, sawing machinery
12	Crushing, pressing and rolling machinery	
	121	Power presses
	122	Garbage compactors
	123	Ore or stone crushers
	124	Forging machines
	125	Rolling mills
	126	Paper, paperboard mill machinery
	127	Printing machinery
	129	Other and not specified crushing, pressing, rolling machinery
13	Heating, cooking and baking equipment	
	131	Furnaces
	132	Kilns and industrial ovens, not food
	133	Food processing ovens
	134	Boilers
	135	Steam equipment
	136	Vehicle radiators
	139	Other and not specified heating, cooking, baking equipment
14	Cooking, refrigeration plant and equipment	
	141	Refrigeration plant
15	Conveyors and lifting plant	
	151	Mechanical power transfer mechanisms
	152	Conveyor belts and escalators
	153	Agricultural conveyors
	154	Mining dredges, dragline excavators

	155	Power hoists
	156	Lifts, dumbwaiters
	157	Cranes
	158	Forklift trucks
	159	Other conveyors and lifting plant
16	Electrical installation	
	161	Turbines, generators
	162	Transformers
	163	Distribution lines: high tension
	164	Distribution lines: low tension
	165	Lighting equipment
	166	Control apparatus
	167	Batteries
	168	Vehicle batteries
	169	Other and not specified electrical installation
17	Radiation based equipment	
	171	X-ray machines and ancillary equipment
	172	Microwave ovens
	173	Other and not specified microwave based equipment
	174	Medical laser equipment
	175	Other and not specified laser equipment
	176	Ultra-sound equipment
	179	Other and not specified radiation based equipment
18	Filling and bottling/packaging plant	
	181	Milk production and processing plant
	182	Soft drink or alcoholic beverage bottling plant
	189	Other and not specified integrated processing, packaging or bottling plant
19	Other plant and equipment	
	191	Textile, clothing and footwear machinery
	192	Sheep shearing plant
	193	Water mains, pipes, valves, hydrants, taps, and other water reticulation equipment
	194	Gas mains, pipes, valves, and other gas reticulation equipment
	195	Sewerage mains, pipes, installations, and other sewerage reticulation equipment
	199	Other and not specified production line type of plant or stand alone machinery

Group 2 Mobile plant and transport

21	Self-propelled plant	
	211	Self-propelled harvesters
	212	Integrated mining plant
	213	Graders, dozers, snowploughs, other scraping plant
	214	Excavators, backhoes, other digging plant
	215	Front-end loaders, log handling plant, other loading plant
	216	Road rollers, compactors
	217	Integrated road sealing equipment
	218	Mobile garbage compactors
	219	Other and not specified self-propelled plant
22	Semi-portable plant	
	221	Roof bolting machines
	222	Pneumatic tools
	223	Compressors, pumps
	224	Cement mixers
	225	Hydraulic equipment, not elsewhere classified
	229	Other and not specified semi-portable plant
23	Other mobile plant	
	231	Tractors, agricultural or otherwise
	232	Ploughs, harrows, cultivators
	233	Oil, gas and water drilling rigs
	234	Ride-on mowers
	235	Wheelbarrows
	236	Trolleys, handcarts
	237	Fairground equipment
	238	Trailers, caravans
	239	Other and not specified mobile plant
24	Road transport	
	241	Trucks, semi-trailers, lorries
	242	Buses, trolleybuses, minibuses
	243	Cars, station wagons, vans, utilities
	244	Motorcycles and sidecars, scooters
	245	Pushbikes
	249	Other and not specified road transport
25	Rail transport	
	251	Railway, tramway lines (track and other fixtures)
	252	Locomotives
	253	Rolling stock

	254	Trains
	259	Other and not specified rail transport
26	Air transport	
	261	Industrial aircraft
	262	Passenger aircraft
	269	Other and not specified classified air transport
27	Water transport	
	271	Motorised craft
	272	Non-motorised craft
	273	Marine installations
	279	Other and not specified water transport
29	Other transport	
	291	Cable car, ski tow
	299	Other transport

Group 3 Powered equipment, tools and appliances

31	Workshop and worksite tools and equipment	
	311	Abrasive, planing, cutting powered tools
	312	Electric drills
	313	Soldering irons
	314	Arc welding equipment
	315	Oxy-acetylene equipment
	316	Industrial guns
	319	Other and not specified powered workshop and worksite equipment
32	Kitchen and domestic equipment	
	321	Kitchen food preparation appliances
	322	Cooking appliances
	323	Jugs, kettles and urns
	324	Heating and heat-based equipment
	325	Washing machines
	326	Cleaning equipment
	327	Sewing machines
	328	Portable fans, ceiling fans, exhaust fans
	329	Other and not specified powered kitchen and domestic equipment
33	Office and electronic equipment	
	332	Computers and keyboards
	332	Other and not elsewhere classified (mainly) electronic office equipment
	333	Entertainment electronics
	334	Communications equipment

	335	Laboratory equipment
	339	Other and not specified electronic equipment
34	Garden and outdoor powered equipment	
	341	Electric garden appliances
	342	Brush cutters
	343	Lawn mowers
	344	Chainsaws
	345	Weapons
	349	Other and not specified powered garden and outdoor equipment
35	Pressure based equipment NOC	
	351	Pressurised containers
	352	Pressurised piping
	353	Gas cylinders
	354	Caisson, diving bells
	359	Other pressure-based equipment
39	Other powered equipment, tools and appliances	
	391	Internal combustion engines
	392	Gas turbines
	399	Other and not specified powered equipment, tools and appliances, NOC

Group 4 Non-powered handtools, appliances and equipment

41	Handtools, non-powered, edged	
	411	Knives and cutlery
	412	Scissors
	413	Handsaws
	414	Chisels, awls, screwdrivers
	415	Axes, adzes, hatchets
	416	Scythes, slashers, sickles
	417	Shovels, spades, lawn edgers
	418	Hoes, pickaxes, mattocks
	419	Other and not specified edged equipment
42	Other handtools	
	421	Hammers, mallets
	422	Pliers, pincers, tweezers, forceps
	423	Wrenches, spanners, sockets
	424	Files, rasps
	425	Brooms, mops
	426	Crowbars, pinchbars, jemmies
	427	Hand drills, brace and bit, augers

	428	Manual lifting equipment
	429	Other and not specified handtools
43	Fastening, packing and packaging equipment	
	431	Nails, screws, nut and bolts
	432	String, twine, rope
	433	Wire, wire rope, metal strapping
	434	Chains
	435	Crates, cartons, boxes, cases, drums, kegs, barrels
	436	Pallets
	437	Bags, bundles and bales
	438	Rolls
	439	Other and not specified packing and fastening equipment
44	Furniture and fittings	
	441	Doors and windows
	442	Work tops
	443	Seating furniture
	444	Beds, hospital beds
	445	Storage equipment
	446	Baths, sinks, troughs, handbasins
	449	Other and not specified furniture and fittings
45	Other utensils	
	451	Glassware
	452	Crockery
	453	Stoveware
	454	Medical containers
	459	Other utensils
46	Ladders, mobile platforms, mobile stairways and scaffolding	
	461	Ladders
	462	Mobile platforms and stairways
	463	Scaffolding
49	Other non-powered equipment	
	491	Hypodermic syringes
	492	Other non-powered medical equipment
	493	Sporting equipment
	494	Playground and sportsground equipment
	497	Vehicle wheels and tyres
	498	Clothing and footwear
	499	Other and not specified equipment

Group 5 Chemicals and chemical products

51	Nominated chemicals	
	511	Chlorine
	512	Arsenic and arsenic compounds
	513	Lead and lead compounds
	514	Selenium and selenium compounds
	515	Mercury and mercury compounds
	516	Cyanide and cyanide compounds
	517	Benzene
	518	Chromium and chromium compounds
	519	Other nominated chemicals
52	Other basic chemicals	
	521	Industrial gases, fumes
	522	Acids
	523	Bases and alkalis
	524	Non-bituminous hydrocarbon fuels
	525	Bitumen, asphalt, tar, pitch
	526	Radioactive materials
	527	Diesel exhaust fumes
	528	Nominated organic chemicals
	529	Other basic and unspecified chemicals
53	Chemical products	
	531	Plant treatment chemicals
	532	Animal treatment chemicals
	533	Pharmaceuticals
	534	Paint, varnish
	535	Organic solvents
	536	Detergents
	537	Plastic materials, synthetic resins and rubbers
	538	Manufactured explosive substances
	539	Other chemical products

Group 6 Materials and substances

61	Non-metallic minerals and substances	
	611	Abrasive powders
	612	Cement and lime
	613	Wet concrete
	614	Rocks, stones, boulders

	615	Bricks and tiles and concrete, cement and clay products, not elsewhere classified
	616	Dust, not elsewhere classified
	617	Crystalline Silica
	618	Asbestos
	619	Other non-metallic minerals and substances
62	Other materials and objects	
	621	Oil and fat (animal or vegetable)
	622	Tree felled for processing or through clearing
	623	Sawn or dressed timber
	624	Ferrous and non-ferrous metal
	625	Fragments
	626	Glass
	627	Stationery and paper products
	628	Detached machinery or equipment components
	629	Other materials and objects
63	Other substances	
	631	Fire, flame and smoke
	632	Hot water, steam
	633	Food
	634	Stock feed
	635	Water under pressure
	636	Air under pressure
	637	Sewerage
	638	Beverages
	639	Other substances

Group 7 Environmental agencies

71	Outdoor environment	
	710	Weather and water
	711	Sun
	712	Holes in the ground
	713	Wet, oily, or icy traffic and ground surfaces
	714	Traffic and ground surfaces with hazardous objects
	715	Traffic and ground surfaces other
	716	Buildings and other structures
	717	Fencing
	718	Vegetation
	719	Other outdoor environmental agencies
72	Indoor environment	
	721	Steps and stairways
	722	Openings in floors, walls or ceilings
	723	Wet, oily, or icy internal traffic and ground surfaces
	724	Internal traffic and ground areas with hazardous substances
	725	Other internal traffic and ground surfaces
	726	Internal conditions
	729	Other indoor environment
73/74	Underground environment	
	731	Roof of tunnel or mine
	732	Face, walls of tunnel or mine
	733	Wet, oily, or icy floor of tunnel or mine
	734	Hazardous objects on floor of tunnel or mine
	735	Floor of tunnel or mine other
	736	Shaft
	737	Underground fire
	738	Underground water
	741	Supporting structures
	749	Other and not specified environment

Group 8 Animal, human and biological agencies

81	Live four-legged animals	
	811	Horses, donkeys, mules
	812	Cows, steers, cattle, bulls, buffalo
	813	Sheep
	814	Pigs
	815	Dogs
	816	Cats
	817	Goats
	819	Other and not specified four-legged animals
82	Other live animals	
	821	Snakes and other reptiles
	822	Spiders and other arachnids
	823	Insects
	824	Unidentified insects or spiders
	825	Marine life
	826	Poultry
	827	Other birds
	829	Other and not specified classified
83	Non-living animals	
	831	Carcass
	832	Bone
	833	Skin, pelt, hair, fur or feathers
	834	Offal and animal waste products
	839	Other and not specified animal part or product
84	Human agencies	
	841	Condition of affected person
	842	Other person
	843	Fatigue
	849	Other and not specified human agency
85	Biological agencies	
	859	Biological agencies

Group 9 Other and unspecified agencies

91	Non-physical agencies	
	919	Non-physical agencies
99	Other and unspecified agencies	
	991	Other agencies, not elsewhere classified
	998	Agency not apparent
	999	Agency not known

8 Agency of injury

Identify the object, substance, or circumstance which was the direct cause of the injury, as identified in *Part 2 Nature of injury* and allocate an appropriate code. Use the same coding set as *Part 7 Breakdown agency*.