



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

<b>110000</b>	<b>General management occupations</b>	
	111000	Financial manager
	112000	Personnel manager
	113000	Sales manager
	114000	Purchasing manager
	115000	Manager NOC
<b>120000</b>	<b>Engineering occupations</b>	
	121000	Mining engineer
	122000	Mechanical engineer
	123000	Civil engineer
	124000	Chemical engineer
	125000	Metallurgical engineer
	126000	Petroleum engineer
	129000	Engineer NOC
<b>130000</b>	<b>Professional and related occupations</b>	
	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
<b>140000</b>	<b>Management or administration services</b>	
	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	
<b>150000</b>	<b>Mine management occupations</b>		
	151000	Mine manager	
	152000	Underground manager	
	153000	Assistant underground manager	
	154000	Under manager	
	155000	Mine or pit superintendent	
	159000	Mine management occupations NOC	
<b>160000</b>	<b>Supervisory occupation</b>		
	161000	Deputy (coal)	
	162000	Foreman or shift boss underground	
	163000	Foreman or shift foreman surface	
	164000	Overman (coal)	
	165000	Supervisor	
<b>170000</b>	<b>Prospector</b>		

## 200000 Underground production and services

<b>210000</b>	<b>Miners production or development (underground)</b>		
	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		
<b>220000</b>	<b>Long hole drill and blast occupations (underground)</b>			
	221000	Long hole drill operator		
	222000	Long hole driller assistant		
	223000	Shotfirer		
	224000	Shotfirer assistant (charging)		
<b>230000</b>	<b>Diamond driller / raiseborers</b>			
	231000	Diamond drill operator		
	232000	Diamond drillers assistant		
	233000	Raiseborer operator		
	234000	Raiseborer assistant		
<b>240000</b>	<b>Loading / transport occupations (underground)</b>			
	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	
<b>250000</b>	<b>Ground / roof support occupations (underground)</b>		
	251000	Timberman	
	252000	Roofbolter	
	253000	Hydraulic fill operator	
<b>260000</b>	<b>Services occupations (underground)</b>		
	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	Grizzlyman / pass runner
	267000	Underground labourer / tool carrier	
	268000	Sanitaryman	
	269000	Underground services occupation NOC	
		269100	Scaler
<b>270000</b>	<b>Underground winding &amp; hoisting occupations</b>		
	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)**

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

<b>330000</b>	<b>Exploration drilling (surface)</b>	
	331000	Driller
	332000	Driller assistant
<b>340000</b>	<b>Excavation equipment operators (surface)</b>	
	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
<b>350000</b>	<b>Mobile plant operator (surface)</b>	
	351000	Bulldozer operator
	352000	Grader driver
	353000	Backhoe operator
	354000	Scraper driver
	359000	Mobile plant operator NOC
<b>360000</b>	<b>Driving occupations (surface)</b>	
	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
<b>370000</b>	<b>Open cut service occupations</b>	
	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
<b>390000</b>	<b>Contractor or contractors employees NOC</b>	



**400000 Ore treatment occupations**

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

**500000 Railway operations occupations**

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

**600000 Metal working progressing trades**

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

	621000	Metal machinist
	622000	Fitter and turner
<b>630000</b>	<b>Fitters mechanical</b>	
	631000	Fitter
	632000	Fitter – welder
	633000	Fitter – diesel
	634000	Fitter – pipe
<b>640000</b>	<b>Structural steel trades</b>	
	641000	Boilermaker welder
	642000	Boilermaker
	643000	Welder
<b>650000</b>	<b>Metal trades apprentices</b>	
	651000	Sheet metal apprentice
	652000	Metal machining apprentice
	653000	Fitters apprentice
	654000	Boilermakers apprentice
	659000	Apprentice NOC
<b>660000</b>	<b>Trades assistant</b>	
<b>690000</b>	<b>Metal trades</b>	
	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

<b>710000</b>	<b>Electrical trades</b>	
	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
<b>720000</b>	<b>Electronic trades</b>	
	721000	Radio technician
	722000	Telecommunication technician
	723000	Telecommunication trainee
	724000	Signals technician
	725000	Instrument technician
<b>730000</b>	<b>Electrical / electronic apprentices</b>	
	731000	Electrical apprentice
	732000	Electronic apprentice
<b>790000</b>	<b>Electrical trades assistant</b>	
	791000	Electrical trades assistant

## 800000 Miscellaneous trades or utilities

<b>810000</b>	<b>Construction trades</b>	
	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
<b>820000</b>	<b>Conveyor belt repair occupations</b>	
	821000	Belt repairer
	822000	Belt repairer assistant
	823000	Trainee belt repairer
<b>830000</b>	<b>MOTOR / ENGINE TRADES</b>	
	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

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

## **900000 Material handling – stores or warehouse occupations**

<b>910000</b>	<b>Crane driving occupations</b>	
	911000	Mobile crane driver
	912000	Tower crane driver
	913000	Overhead crane driver (cabin controlled)
	914000	Crane driver NOC
	915000	Dogman or cranechaser
<b>920000</b>	<b>Fork lift operator</b>	
<b>930000</b>	<b>Storeman NOC</b>	
	931000	Toolstore attendant
<b>990000</b>	<b>Non-mining occupations</b>	
	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
<b>5300</b>	<b>Dislocation</b>	
	5310	Dislocation of joint
	5320	Dislocation of vertebrae
		5321 Displacement of disc
<b>5400</b>	<b>Fractures – breaks</b>	
	5410	Compound fracture
	5420	Simple fracture
<b>5500</b>	<b>Amputation</b>	
<b>5600</b>	<b>Crushing</b>	
<b>5900</b>	<b>Musculoskeletal – unspecified</b>	

## 6000 Superficial injury

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

## 8000 Effects – exposure

<b>8100</b>	<b>Effects of submersion</b>	
<b>8200</b>	<b>Nervous stress / mental disorder</b>	
<b>8300</b>	<b>Effects of exposure to heat</b>	
<b>8400</b>	<b>Effects of exposure to cold</b>	
<b>8500</b>	<b>Effects of fatigue</b>	

**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

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

#### 2000 Neck

#### 3000 Trunk

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



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

## 4000 Arm

<b>4100</b>	<b>Shoulder</b>	
<b>4200</b>	<b>Upper arm</b>	
<b>4300</b>	<b>Elbow</b>	
<b>4400</b>	<b>Lower arm</b>	
<b>4500</b>	<b>Wrist</b>	
<b>4600</b>	<b>Hand</b>	
	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
<b>4800</b>	<b>Arm – multiple</b>	

## 5000 Leg

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

	5630	Toes alone
	5640	Foot and toes
	5680	Foot alone - multiple
	5690	Foot – unspecified
<b>5800</b>	<b>Leg multiple</b>	

## 6000 Multiple locations

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

## 7000 General locations

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

## 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

<b>110</b>	<b>Access, travelling or haulage ways</b>	
	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
<b>120</b>	<b>Underground production or development areas</b>	
	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)
<b>130</b>	<b>Underground workshops</b>	
<b>140</b>	<b>Pump chamber</b>	
<b>150</b>	<b>Underground storage areas</b>	
	151	Fuel storage
	152	Explosives magazines
	153	Underground stores – general
<b>160</b>	<b>Underground ore or waste dumping</b>	
	161	Ore, waste tip or pass area
	162	Grizzly
	163	Mill hole
<b>170</b>	<b>Underground crushing area</b>	
<b>180</b>	<b>Ancillary locations</b>	
	181	Crib room
	182	Latrine
<b>190</b>	<b>Underground NOC</b>	

## 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

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

## 600 Workshop surface

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

## 700 Railways

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

## 800 Power generation plant

<b>810</b>	<b>Control room</b>	
<b>820</b>	<b>Distribution or sub-stations</b>	
<b>830</b>	<b>Engine room</b>	

## 900 Administration areas

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

## 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

<b>1100</b>	<b>Fall – person height or depth</b>	
	1110	Fall 0.5-2.0 metres
	1120	Fall 2-5 metres
	1130	Fall 5-10 metres
	1140	Fall more than 10 metres
<b>1200</b>	<b>Fall, slip or trip – same level</b>	
	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
<b>1300</b>	<b>Fall getting on mobile equipment or vehicle</b>	
	1310	Fall getting on haul trucks
	1320	Fall getting on mobile plant
	1330	Fall getting on light vehicle
	1340	Fall getting on other equipment
<b>1400</b>	<b>Fall getting off mobile equipment or vehicle</b>	
	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
<b>1500</b>	<b>Rock falls underground</b>	
	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	
<b>1600</b>	<b>Rock falls or falls of group surface</b>		
	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

<b>2100</b>	<b>Struck by object (not rock or coal)</b>		
	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	
<b>2200</b>	<b>Struck by person</b>		
<b>2300</b>	<b>Struck against object</b>		
	2310	Still object	
	2320	Moving object	
<b>2400</b>	<b>Struck by moving vehicle or mobile plant</b>		
<b>2500</b>	<b>Caught by or between (not operating machine)</b>		
	2510	Caught by still and moving object	
	2520	Caught by or between moving object	
	2530	Caught by run of ore	
<b>2600</b>	<b>Caught by or between operating machine</b>		
<b>2700</b>	<b>Motor vehicle collision</b>		
<b>2800</b>	<b>Motor vehicle rollover</b>		
<b>2900</b>	<b>Motor vehicle, equipment jolting or jarring</b>		

## 3000 Stepping or jumping (no fall)

<b>3100</b>	<b>Stepping person (no fall)</b>		
	3110	Stepping on object	
	3120	Stepping on uneven surface	



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

#### **4000 Overexert strenuous movement**

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

#### **5000 Exposure to environment**

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

#### **6000 Contact with object (not chemical)**

<b>6100</b>	<b>Contact with electric current</b>	
<b>6200</b>	<b>Contact with hot substance or object</b>	
	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
<b>6300</b>	<b>Contact with cold substance or object</b>	
<b>6400</b>	<b>Contact with tool</b>	
	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
<b>6500</b>	<b>Contact with foreign body</b>		
	6510	Contact with foreign body (solid)	
	6520	Contact with foreign body (liquid)	
<b>6600</b>	<b>Contact with sharp object</b>		
<b>6700</b>	<b>Contact with high pressure fluid</b>		

## 7000 Contact with chemicals or fumes

<b>7100</b>	<b>Chemical inhalation including smoke</b>	
	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
<b>7200</b>	<b>Chemical absorption</b>	
	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
<b>7300</b>	<b>Chemical ingestion</b>	

## **8000 Explosion or implosion**

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

## **9000 Miscellaneous type of accident**

<b>9100</b>	<b>Bite insect or animal</b>	
<b>9200</b>	<b>Friction or rubbing (blisters)</b>	
<b>9300</b>	<b>Journey to or from work</b>	
<b>9400</b>	<b>Welding flash</b>	
<b>9500</b>	<b>Oxygen deficiency</b>	
<b>9700</b>	<b>Recurrence old injury</b>	
<b>9900</b>	<b>Not known</b>	
	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
<b>2100</b>	<b>Moving or travelling activity</b>	
	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
<b>2200</b>	<b>Stationary activities (not using tools)</b>	
	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
<b>2300</b>	<b>Lifting activities</b>	
	2310	Lifting unassisted
	2320	Lifting assisted
<b>2400</b>	<b>Moving object or equipment</b>	

	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
<b>2500</b>	<b>Vehicle checking activities</b>	
	2510	Removing radiator cap
	2520	Cleaning vehicle
	2530	Refueling vehicle
	2540	Lubricate vehicle

### **3000 Using hand held power tools**

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

### **4000 Using hand tools (not powered)**

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

### **5000 Underground mining task**

<b>5100</b>	<b>Underground drilling or boring task</b>	
	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
<b>5200</b>	<b>Underground blasting or shotfiring</b>	
	5210	Cleaning out shot holes
	5220	Charging or stemming blast holes
	5230	Firing
	5240	Handling or transporting explosives
<b>5300</b>	<b>Underground loading or haulage task</b>	
	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
<b>5400</b>	<b>Winding or hoisting tasks</b>	
	5410	Operate winder
	5420	Operate hoist underground
	5430	Load skip
	5440	Load cage
	5450	Load kibble
<b>5500</b>	<b>Underground conveyor task</b>	
	5510	Install conveyor system
	5520	Remove conveyor belting
	5530	Repair conveyor belting
	5540	Conveyor tending or cleaning
<b>5600</b>	<b>Ground support task underground</b>	
	5610	Test roof
	5620	Bar down/scale
	5630	Roof bolt or rock bolt
	5640	Install roof supports
	5650	Remove roof supports
<b>5700</b>	<b>Underground pipes, tracks or services</b>	
	5710	Road laying or track laying
	5720	Pipe fitting
<b>5800</b>	<b>Underground ventilation task</b>	

	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
<b>5900</b>	<b>Underground miscellaneous activities</b>	
	5910	Mine timbering
	5920	Travelling in shaft or hoist
	5930	Operate mobile equipment NOC

## 6000 Surface mining task

<b>6100</b>	<b>Surface drilling activities</b>	
	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
<b>6200</b>	<b>Surface charge or blast activities</b>	
	6210	Charging blastholes
	6220	Stemming blastholes
	6230	Tying up shot
	6240	Firing blastholes
	6250	Handling or transporting explosives
<b>6300</b>	<b>Surface loading activities</b>	
	6310	Operate shovel
	6320	Operate dragline
	6330	Operate bucketwheel
	6340	Operate dredge
	6350	Operate hydraulic excavator
	6360	Operate front end loader
<b>6400</b>	<b>Surface hauling activities</b>	
	6410	Operate haulage truck
	6420	Operate scraper
<b>6500</b>	<b>Surface mobile plant activities</b>	
	6510	Operate bulldozer
	6520	Operate grader

	6530	Operate backhoe
	6540	Operate mobile plant
<b>6600</b>	<b>Pit crushing</b>	
	6610	Operate crusher
	6620	Operate conveyors
<b>6700</b>	<b>Surface materials handling/lifting</b>	
	6710	Operate crane
	6720	Operate forklift
	6730	Operate elevator or cherry picker
	6740	Operate hoist
	6750	Assist crane driver
<b>6800</b>	<b>Surface miscellaneous driving activities</b>	
	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
<b>6900</b>	<b>Railway activities</b>	
	6910	Operate locomotive
	6920	Operate track maintenance machine
	6990	Track labouring NOC

## 7000 Treatment plant tasks

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



<b>7900</b>	<b>Miscellaneous treatment plant tasks NOC</b>
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## 8000 Trades tasks

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

## 9000 Utilities, services or inspection

<b>9100</b>	<b>Cleaning buildings or accommodation</b>	
	9110	Clean bathroom
	9120	Attend or maintain grounds
<b>9200</b>	<b>Security activities</b>	
<b>9300</b>	<b>Compressed air activities</b>	
	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
<b>9400</b>	<b>Pumping services activities</b>	
	9410	Install pumping equipment
	9420	Install pipes or lines
	9430	Install hoses

	9440	Repair pumping equipment
	9450	Remove pumping equipment
<b>9500</b>	<b>Compressed gas services activities</b>	
	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
<b>9700</b>	<b>Safety or emergency activities</b>	
<b>9800</b>	<b>Inspection or testing activities</b>	
<b>9900</b>	<b>Miscellaneous inspection or services</b>	

## 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

<b>11</b>	<b>Cutting, slicing and sawing machinery</b>	
	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
<b>12</b>	<b>Crushing, pressing and rolling machinery</b>	
	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
<b>13</b>	<b>Heating, cooking and baking equipment</b>	
	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
<b>14</b>	<b>Cooking, refrigeration plant and equipment</b>	
	141	Refrigeration plant
<b>15</b>	<b>Conveyors and lifting plant</b>	
	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
<b>16</b>	<b>Electrical installation</b>	
	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
<b>17</b>	<b>Radiation based equipment</b>	
	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
<b>18</b>	<b>Filling and bottling/packaging plant</b>	
	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
<b>19</b>	<b>Other plant and equipment</b>	
	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

<b>21</b>	<b>Self-propelled plant</b>	
	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
<b>22</b>	<b>Semi-portable plant</b>	
	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
<b>23</b>	<b>Other mobile plant</b>	
	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
<b>24</b>	<b>Road transport</b>	
	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
<b>25</b>	<b>Rail transport</b>	
	251	Railway, tramway lines (track and other fixtures)
	252	Locomotives
	253	Rolling stock

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

### Group 3 Powered equipment, tools and appliances

<b>31</b>	<b>Workshop and worksite tools and equipment</b>	
	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
<b>32</b>	<b>Kitchen and domestic equipment</b>	
	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
<b>33</b>	<b>Office and electronic equipment</b>	
	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
<b>34</b>	<b>Garden and outdoor powered equipment</b>	
	341	Electric garden appliances
	342	Brush cutters
	343	Lawn mowers
	344	Chainsaws
	345	Weapons
	349	Other and not specified powered garden and outdoor equipment
<b>35</b>	<b>Pressure based equipment NOC</b>	
	351	Pressurised containers
	352	Pressurised piping
	353	Gas cylinders
	354	Caisson, diving bells
	359	Other pressure-based equipment
<b>39</b>	<b>Other powered equipment, tools and appliances</b>	
	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

<b>41</b>	<b>Handtools, non-powered, edged</b>	
	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
<b>42</b>	<b>Other handtools</b>	
	421	Hammers, mallets
	422	Pliers, pincers, tweezers, forceps
	423	Wrenches, spanners, sockets
	424	Files, rasps
	425	Brooms, mops
	426	Crowbars, pinchbars, jemmys
	427	Hand drills, brace and bit, augers

	428	Manual lifting equipment
	429	Other and not specified handtools
<b>43</b>	<b>Fastening, packing and packaging equipment</b>	
	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
<b>44</b>	<b>Furniture and fittings</b>	
	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
<b>45</b>	<b>Other utensils</b>	
	451	Glassware
	452	Crockery
	453	Stoveware
	454	Medical containers
	459	Other utensils
<b>46</b>	<b>Ladders, mobile platforms, mobile stairways and scaffolding</b>	
	461	Ladders
	462	Mobile platforms and stairways
	463	Scaffolding
<b>49</b>	<b>Other non-powered equipment</b>	
	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
<b>62</b>	<b>Other materials and objects</b>	
	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
<b>63</b>	<b>Other substances</b>	
	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**

<b>71</b>	<b>Outdoor environment</b>	
	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
<b>72</b>	<b>Indoor environment</b>	
	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
<b>73/74</b>	<b>Underground environment</b>	
	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**

<b>81</b>	<b>Live four-legged animals</b>	
	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
<b>82</b>	<b>Other live animals</b>	
	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
<b>83</b>	<b>Non-living animals</b>	
	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
<b>84</b>	<b>Human agencies</b>	
	841	Condition of affected person
	842	Other person
	843	Fatigue
	849	Other and not specified human agency
<b>85</b>	<b>Biological agencies</b>	
	859	Biological agencies

## Group 9 Other and unspecified agencies

<b>91</b>	<b>Non-physical agencies</b>	
	919	Non-physical agencies
<b>99</b>	<b>Other and unspecified agencies</b>	
	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*.