

# FENZ Incident Metadata

## Documentation

Data & Analytics Directorate  
December 2025



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## Foreword

Fire and Emergency NZ (FENZ) publishes data on its responses to incidents. This document describes the data published by FENZ.

### Purpose

FENZ's purpose in publishing this data is to allow interested parties to better understand the nature of incidents that FENZ responds to, and the nature of FENZ's response to those incidents.

FENZ would be interested to hear of any insights that you derive from the data. Feel free to get in contact at [analytics&bi.support@fireandemergency.nz](mailto:analytics&bi.support@fireandemergency.nz).

### Contents

The data describe incidents that are recorded in FENZ's incident management systems, Intergraph Computer Aided Dispatch (ICAD) and Station Management System (SMS). ICAD is software used by the Emergency Communications centre staff when assigning and dispatching firefighters to events. SMS reports are completed by FENZ staff after attending an incident.

The data consist of a single tab-delimited table, with one record per exposure. Exposures are defined as a building or other location that was potentially impacted by a fire or other hazard, while an incident is a single episode involving a fire or other hazard. In this way, an incident could consist of a single large fire, that contains multiple exposures, one for each property affected by the flames.

The date range covered covers the history of FENZ as an organisation – the eight financial years from 2017/18 to 2024/25.

Each field contains the definition and purpose of the code. Categorical data has the individual codes displayed in a table, where applicable. Note that descriptions of these individual codes are provided where clarifications may be necessary. Nominal categories are presented in alphabetical order, while ordinal categories are presented ascending order.

FENZ updates its data from time to time for correctness and completeness. Therefore, analysis of this data may produce results that are slightly numerically different from those previously published by FENZ.

### Release arrangements

The data are published by FENZ on its website. Data were first published in December 2025 and will be updated annually thereafter. Release dates may vary.

The data will also be shared through data.govt.nz: [Discover and use data - data.govt.nz](#).

### Anonymisation

The data do not include any personal identifying information.

The locations at which incidents occurred have been partially anonymised - they are shown at the Suburb level only. Street addresses are not shown.

## Conditions under which the data are released

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## Contact

For any questions, suggestions or requests, contact [analytics&bi.support@fireandemergency.nz](mailto:analytics&bi.support@fireandemergency.nz).

*The remainder of this document is a data dictionary, describing the meaning and contents of each field in the data table.*

## Code Details

### Exposure ID

#### Definition

A numeric unique ID number assigned to each exposure. Exposures are defined as a building or other location that was potentially impacted by a fire or other hazard. One incident may include multiple exposures (e.g., multiple houses caught in a single fire).

#### Purpose

Exposure ID is used to identify individual exposures. It can be used to count the number of properties/locations that have been impacted by fires or other hazards.

### Incident ID

#### Definition

A numeric unique ID number assigned to each incident. Incidents are defined as a single episode involving a fire or other hazard. An incident may include multiple exposures (i.e., multiple addresses/locations exposed to the hazard).

#### Purpose

Incident ID is used to identify individual incidents. It can be used to count the number of incidents that have occurred.

### Exposure Number

#### Definition

A number given to an exposure within an incident that contains multiple exposures. For example, in an incident with 5 exposures, they could be each labelled 0 through 4. Incidents with single exposures are labelled 0.

#### Purpose

Exposure number is used to identify Incidents that contain multiple exposures, and/or to identify how many exposures occurred within a single incident.

### CAD Number

#### Definition

This field is a unique ID for ICAD events. ICAD is the Intergraph Computer Aided Dispatch system used by Fire Communications to receive and manage events. These are recorded as a string (e.g.: F2907151)

#### Purpose

CAD Number is used to identify individual events as recorded in the CAD system. It can be used to count the number of CAD events. Note that while each incident will have a CAD number assigned to it, not every CAD number is assigned to an Incident report. Some CAD events are non-emergency, advice, training, etc... and do not require a report to be written.

## Status Code

### Definition

The current status of the incident record in SMS. This is measured categorically and includes:

Status Codes	
Code	Details
CLOSE	Incident Record has been closed
INCOM	Record is incomplete
NEW	Record has not been started
LIMBO	The record will not be completed. Historically was used for incomplete reports but currently more common for reports impacted by industrial action

### Purpose

To determine the status of the incident report. Generally, will be closed for most historic incidents, but incoming or new statuses may be increasingly present the closer to the current date the data is.

## Closed Date

### Definition

A Date time that records when the incident record was closed in the SMS system (if applicable).

### Purpose

Used to examine when records were closed.

## Start Date Time

### Definition

Date and time when the incident began, as determined by its entry into the ICAD system.

### Purpose

This is used to determine when FENZ became aware of an incident starting. May be used alongside Stop Date Time to determine how long FENZ staff was attending an incident for.

## Stop Date Time

### Definition

Defined as the date and time when the incident record was closed in the ICAD system. Typically, at the approximate time when FENZ left the scene of the incident. Notably, this could be immediately after the event is dealt with, or could be some time later if investigators are attending the scene.

## Purpose

Used to determine when incidents ended. May be used alongside Start Date Time to determine how long FENZ staff was attending an incident for.

## Station

### Definition

This defines that name of the station that was assigned responsibility for completing the SMS report. This is typically the station whose appliance first arrived on the scene. Consists of both a numerical reference code and a categorical string.

### Purpose

Used to determine what station attended an incident. Note that this does not include all of the stations that may have been present, but just the station that completed the SMS entry.

## ICAD Event Type/Incident Description

### Definition

The type of event as recorded in the ICAD system. This is the final code given to the event (note that events may start with a different code and get updated as more information is provided to the comm centre). Note that other event types/incident descriptions exist within the ICAD system and *may* appear in the data if there is an error – this can result from incorrect entry, an event that was not recoded, or from events being merged into a non-response event type (e.g., a burnoff that got out of control contains a burnoff event and a vegetation fire event. At the conclusion of the incident, the events are merged into the burnoff event instead of the vegetation fire event). Consists of a short string code (Event Type), and a longer descriptive name (Incident Description). Is categorical and includes:

Incident Description String		
Event Type	Incident Description	Details
AIRH	Aircraft Heavy	Incidents involving Aircraft over 18 metres long
AIRL	Aircraft Light	Incidents involving aircraft under 18 metres long (e.g., helicopters, hot air balloons)
FIREALM	Fire Alarm	PFA activation for non-sprinklered building or call from private monitoring company reporting alarm activation on a commercial premises
HAZ	Hazardous Substance	Spillages, ruptures, or explosions related to chemicals or other dangerous materials. Excludes gases and/or flammable liquids
HAZGAS	Gas Leak	All gas leaks or smell of gas events
HAZFLAM	Flammable Liquids	Spills of flammable liquids 30L or more. Does not include incidents where structure



		fires result from a spill of this kind (STRU). (Spills <30L come under MIN)
MED	Medical Assistance	Co-response request from ambulance to attend a medical event
MEDFR	Medical First Response	First response unit request from ambulance to attend a medical event
MIN	Minor Event	Includes fires already out, fuel spill <30L, unusual smells (not smoke), residential alarm activations, known fog cannon activation, etc...
MCV	Motor Vehicle Collision	Motor vehicle crash not requiring rescue from being trapped in the vehicle
MVCHEVY	Motor Vehicle Collision – Heavy Rescue	Same as MVCRESC but involved a heavy vehicle such as train, truck, bus, tractor)
MVCRESC	Motor Vehicle Collision – Rescue	MVC that includes someone trapped inside a vehicle or unable to get out
NAT	Natural Disaster	Can also appear as NAT1/NAT2/NAT3, with the higher number determining higher priority of response
RESC	Rescue	All rescues except powered aircraft and MVC. Includes <i>unpowered</i> aircraft
SHIP	Ship Fire	All fires involving ships, including fishing and large passenger/commercial vehicles
SPRNKLR	Sprinkler Investigation	PFA activation in a building with a sprinkler system.
STRU	Structure Fire	Fires in all buildings
VEG	Vegetation Fire	Fire in vegetation, including forests or plantations

#### Purpose

Helps to distinguish what type of event was attended by FENZ. Can be used to examine specific event types such as only Fire events.

## Alarm

#### Description

Alarm defines how FENZ was alerted to the event, including both 111 calls and PFA's. Defined through the ICAD system. Consists of both a numerical reference code and a categorical string. Categories consist of:

Alarm Name	
Alarm Name	Details
111 from Private Monitoring Company	111 Call received from private monitoring company
111 from Security Co/Agent	111 Call received from security company or agent

111 Telephone	111 Call received (excludes PMC or Security Company)
Airport Call	Call received from airport/staff
Ambulance Call	Call received from Ambulance
Automatic PFA Call	Automated Private Fire Alarm Activation
Exchange phone	Call made directly to the Comm centre (as opposed to via 111)
Manual PFA Call	Manual Private Fire Alarm Activation
Other PFA Call	Other Private Fire Alarm
Police Call	Call received from Police
Running Call	FENZ staff approached by member of public requesting assistance
Sprinkler PFA Call	Automatic Sprinkler Private Fire Alarm Activation
Vehicle Call on Radio	Call received directly from appliance radio

#### Purpose

To distinguish different methods of FENZ being alerted to the event. Allows a breakdown of Alarm type – e.g., distinguishing which incidents came from 111 calls compared to incidents received via automatic PFA.

## Regional Council

#### Definition

This measure determines which Regional Council are the incident occurred in. Consists of both a numerical reference code and a categorical string.

#### Purpose

Used to determine which region incidents occurred in. Can be used to examine specific Regional Council areas or to compare incidents between regions.

## Incident Type

#### Definition

The categorical type assigned to an exposure in the SMS system. Consists of a wider Group category, two numerical reference codes (one for the Group: IncidentGroupID and another for the incident type itself: IncidentType), and two categorical strings.

### Incident Name

Group Name	Incident Type	Details
Assist Public		
	Assist Public: General	General help provided by FENZ

	Assist Public: Natural Disaster	Includes assistance given during, or because of a natural disaster
False Alarm		
	False Alarm: Good Intent K46-1	Call to location with no emergency, but caller believed there to be an emergency
	False Alarm: Accidental Operation K46-2	Fire alarm system activated in error
	False Alarm: Defective Apparatus K46-3	Fire alarm system caused by malfunction
	False Alarm: Malicious K46-4	Intentional call to location with no emergency. I.e., a prank call
	False Alarm: Alarm Agent in Attendance K46-5	Fire alarm system activated by alarm agent working on the system
	False Alarm: Nothing on Indicator Panel K46-6	Fire alarm system call, but with no activation showing on the indicator panel when attended
	False Alarm: Undetermined K46-7	Cause of the fire alarm system call cannot be determined
HAZMAT		
	Major Hazardous Substance Incident	Management of a hazardous substance requiring specialist hazardous substance equipment due to size or type of chemical
	Minor Hazardous Substance Incident	Management of a hazardous substance that does not require specialist hazardous substance equipment
Heat/Pressure		
	Overpressure, Overheating, Rupture, Explosives – No Fire	Any incident involving the aforementioned, but <i>not</i> involving a fire before or afterwards
Medical		
	Medical Call	Response to provide first aid or assist ambulance as <i>the primary activity</i>
Other Fire		
	Mobile Property Fire	A fire in any vehicle or transportation (incl. Aircraft, Boat, Train, etc.)
	Hazardous Substance Fire	A fire where a hazardous substance is on fire, requiring activities/equipment beyond general firefighting operations

	Outside Rubbish Bin, Skip Fire	Fire in any size of bin
	Other Fire - not classified above	Any fire that does not fit into other incident categories
Rescue		
	Assist Public: General	Same as above, but added here to allow the correct incident type to be selected
	Motor Vehicle Accident (MVA)	Incidents involving collision of one or more vehicles. Excludes incidents involving fire or hazardous substances (recorded under those respective categories)
	Technical Rescue	Incident to rescue a person or animal, requiring advanced skills or equipment (e.g., trapped under machinery)
Special Service Calls		
	Aircraft Standby	Response to an airport for aircraft reporting a possible fault (not used for incidents where the aircraft had an actual accident or emergency)
	Assist Police	A response to support police, excluding ordinary firefighting or hazardous substance control activities
	Domestic, Commercial Water Problem	Management of excess water from a water supply system to domestic or commercial property (excludes flooding)
	Electrical Hazard/Power Line	Managing an electrical hazard (excludes where hazard is resulting from another emergency)
	Special Service Call – Not Classified Above	Only used if no other category is appropriate
Structure Fire		
	Structure Fire with damage	Building or contents sustained damage from heat, smoke, flame, or fire control activity
	Structure Fire with no damage	Building and contents did not sustain damage from heat, smoke, flame, or fire control activity (e.g., local pan fire)
Vegetation Fire		
	Vegetation Fire	Response to any fire in a forest, tree, scrub, or grass

## Vehicle Accident

Motor Vehicle Accident (MVA)

Same as above, but included again to allow the correct incident type to be selected

### Purpose

Used to determine what type of incident was attended.

### Caveat

These fields have not been populated in some past episodes of industrial action.

## Action Taken

### Definition

A categorical variable that defines what action was taken by FENZ Personnel in response to the exposure. Multiple actions may have occurred, but staff are asked to report the one which *best described* what happened. Consists of a wider Group category, a numerical reference code, and a categorical string. Categories consist of:

### Action Taken

Group Name	Action Taken	Details
Emergency Medical, Rescues, Search		
	Assistance (inc. minor rescues, medic service)	People not trapped but in need of help to reach safety. Includes providing minor medical service.
	Co-responder call assistance	Code expired 31/10/2002
	CPR only	Used when the <i>only</i> medical assistance provided was CPR.
	Emergency medical, Rescue, Search - Other	
	Extrication	Removal of trapped people whether alive or deceased. Includes providing medical service
	Manpower provided	E.g., assisting Police or Ambulance
	Medical/First Aid Assistance	Medical assistance only. Does not include any rescue assistance. Can include CPR alongside other medical.
	No Action Required - Includes appliance stood down	Use only if Appliance is told to stand down, or K28.
	Rescue, Search and Rescue	Removal from imminent harm to a safe place whether alive or

		deceased. Includes providing medical service
	Search only	Excludes searches that ended in rescue and/or medical assistance.
	Standby at accidents	Vehicle being removed from accident
	Temp Landing Pad/Aircraft Assistance/Bucket Refill	Assistance in creating temporary landing sites; assisting with aircraft landing/refuelling inc. Monsoon bucket refilling.
	Traffic control/scene protection	Code 409 expired 21/12/2018
	Traffic control/scene protection	Code 410
Fire Related		
	Extinguishment and ventilation	Excludes hazardous material fires
	Extinguishment only: Includes isolating fuel/power	Includes other extinguishment methods e.g., backburning. Excludes hazardous material fires.
	Extinguishment, salvage and ventilation	Excludes hazardous material fires
	Fire related - not classified above	
	Haz substance involved in fire, made safe	Containment and/or decontamination performed
	Haz substance involved in fire, made safe & salvage	Containment and/or decontamination performed
	Investigation only (Fire related)	Ensuring fire is out & not spread. Includes isolating fuel.
	Monitor only (Fire related)	
	Salvage only	
	Temp Landing Pad/Aircraft Assistance/Bucket Refill	Assistance in creating temporary landing sites; assisting with aircraft landing/refuelling inc. Monsoon bucket refilling.
	Traffic control/scene protection	Code 408 expired 21/12/2018
	Traffic control/scene protection	Code 410
	Ventilation only	Smoke/gas removal
Miscellaneous, No Action, Investigation only		
	Information not recorded	Expired 12/3/2001
	Investigation only (Fire related)	Ensuring fire is out & not spread. Includes isolating fuel

Investigation Only (Non-Fire related)	Excludes investigations where fire is out on arrival, which should use: Investigation only (Fire related)
Miscellaneous, no action - not classified above	
Monitor only (Non fire related)	
Mutual aid	Expired 31/10/2002. Referred to assisting another fire service/authority.
No Action Required - Includes appliance stood down	Used only if Appliance is told to stand down, or K28.
Referred to proper authority	Used when another authority is more applicable to the circumstances at hand.
Standby (not vehicle accidents)	Excludes standby at vehicle accidents
Standby at accidents	Vehicle being removed from accident
Ventilation only	
Non-Fire Chemical Incidents (Hazardous and Non-Hazardous)	
Decon of non FENZ personnel and equipment	Decontamination
Haz substance: Identified, contained, made safe	Haz substance identified, and contained, neutralised/removed/made safe by FENZ staff.
Hazardous substance: Identification and containment	Haz substance identified. Contained by FENZ, but neutralised and removed by another organisation.
Hazardous substance: Identification only	Haz substance identified.
Isolating Power or Fuel Supply	Use for gas leaks or electrical hazards. For fire-related isolation please use fire-related actions.
Non fire chemical incidents - not classified above	
Non hazardous substance: Clean-up and removal	Incidents where substances were identified as non-hazardous but cleaned up regardless.

	Non hazardous substance: No further action taken	Incidents where substances were identified as non-hazardous.
	Non hazardous: Identified and contained	Incidents where substances were identified as non-hazardous. Contained for other service to remove.
	Temp Landing Pad/Aircraft Assistance/Bucket Refill	Assistance in creating temporary landing sites; assisting with aircraft landing/refuelling inc. Monsoon bucket refilling.
	Ventilation only	
Special Service Incidents		
	Animal: Capture, Removal, Rescue	
	Diverting water	Excludes water removal or salvage operations.
	Isolating/Removal of Power Supply	includes disconnection of batteries, physical relocation of an active power/fuel source.
	Lock-out, Gain entry	Assisted entry to a locked property.
	Restoration of services	Includes restoration of water supplies
	Road wash down	Includes MVA where the vehicle is removed prior to FENZ arrival
	Roof repair	Replacing tiles or iron, use of salvage sheets.
	Salvage (non fire)	
	Security, Stabilisation, Demolition of unstable structures	Includes temporary repairs to structures or demolition of unstable structures.
	Special service incidents - not classified	
	Standby at accidents	Vehicle being removed from accident
	Temp Landing Pad/Aircraft Assistance/Bucket Refill	Assistance in creating temporary landing sites; assisting with aircraft landing/refuelling inc. Monsoon bucket refilling
	Traffic control/scene protection	
	Tree removal	Includes removal from structures and accessways
	Water removal: Domestic, commercial, weather related floods	Includes isolation of water supply causing flood (if applicable)



#### Purpose

Used to determine the action that FENZ personnel took in response to the event.

### Suburb

#### Definition

The suburb in which the site of the exposure is located. Note that if an event contains multiple exposures in an area, it is possible for exposures to be in different suburbs.

#### Purpose

More specific geographic region than Regional Council or TLA. Allows more granular examination of exposures and incidents.

### TLA

#### Definition

The Territorial Authority in which the site of the exposure is located.

#### Purpose

Used to determine which territorial authority the site is in. Is more granular and specific than Regional Council, but less specific than Suburb.

### Building Owner

#### Definition

Defines what kind of ownership the building is under (if applicable). Consists of both a numerical reference code and a categorical string. Categories consist of:

Building Owner	
Building Owner	Details
Housing NZ	Building belongs to housing NZ
Owner occupied	Owner of the building lives in it
Rented Property	Private rental agreement between tenants and owner
State Owned	Owned by government (not Housing NZ)
Unknown	

#### Purpose

Helps to determine the status of the property owner and/or occupant of the residential property at the time of the incident.

## Alarm Device

### Definition

The type of device that alerted FENZ to the incident (if applicable). Consists of both a numerical reference code and a categorical string. Categories consist of:

Alarm Device	
Alarm Device	Details
111 Call, no fire detected, equipment involved	Not a device, but a call through 111
Manual Call Point	Call point activated by a person
Other Detector	Covers other detection forms/devices not specified here
Smoke Alarm (Battery powered)	Detects smoke using a battery or internal power source
Smoke Alarm (Mains powered)	Detects smoke using main power/external power source
Sprinkler	Device which releases water to suppress fire
Thermal Detector	Detects change in temperature that indicates presence of fire

### Purpose

To determine what kind of PFA or other device alerted FENZ to the fire. Provides more detail than Alarm.

## General Property Use

### Definition

Defines the general purpose for the entire property affected by the exposure (not necessarily the specific part of the property affected). Consists of a wider Group category, a numerical reference code, and a categorical string. The full list of categories can be found in the Appendix.

### Purpose

Provides the overall purpose of the property. Can be used alongside Specific Property Use to ascertain the purposes of the property and the specific part of the property affected by the exposure. For example, if the fire was in a university chemistry lab, the General property may be University, Polytech, Other post-secondary venue while the specific property is a Laboratory: Medical, Chemical, Biological.

## Specific Property Use

### Definition

Defines the main purpose for the specific building or part of the property affected by the exposure. Consists of a wider Group category, a numerical reference code, and a categorical string. The full list of categories can be found in the Appendix.

## Purpose

Provides the specific purpose of the building affected. Can be used alongside General property use to ascertain the purposes of the wider property and the specific part of the property affected by the exposure. For example, if the fire was in a university chemistry lab, the General property may be University, Polytech, Other post-secondary venue while the specific property is a Laboratory: Medical, Chemical, Biological.

## Origin Location

### Definition

The point within the site where the incident began. Consists of a wider Group category, a numerical reference code, and a categorical string. Categories consist of:

### Origin Location

Group Name	Origin Name	Details
Living Area	Bedroom, Sleeping area, Cell: 5 or more persons	
	Bedroom, Sleeping area, Cell: under 5 persons	
	Chimney	
	Dining area, Cafeteria, Canteen, Servery, Bar area	
	Kitchen, Cooking area	
	Laundry area, Wash house	
	Living area - not classified above	
	Lounge, Common room, TV room, Music room	
	Office	
	Toilet, Locker room, Rest room, Bathroom, Sauna	
Means of Egress	Escalator	
	Hallway, Passageway, Corridor, Walkway in mall	
	Lobby, Entrance way	
	Stairs (exterior): Fire escape, Ramp	
	Stairs (interior)	
Outside Area, Multiple Area	Area under construction or major renovation	
	Lawn, Park, Sports field	
	Multiple areas of origin	

	On or near railway track or embankment	
	Open land, Scrub land, Farm land	
	Outside area, multiple area - not classified above	
	Patio, Court, Terrace, Gazebo	
	Road, Street, Parking lot, Highway, Motorway	
	Vacant structural area	
Sales and Assembly Area		
	Display window	
	Large assembly area: Auditorium, Church, Lecture Hall etc	100 or more persons with fixed seating
	Large open room: Ballroom, Gym, Rink, Bowling etc	100 or more persons without fixed seating
	Library, Art gallery, Exhibition space	
	Recreational: Swimming pool, Gym, Massage, Sauna	
	Showroom, Sales area	excludes: Display windows
	Small assembly area: Classroom, Meeting room, etc	Less than 100 persons with or without fixed seats
Service Facility		
	Chimney	
	Chute: Mail, Laundry (not Rubbish)	
	Conveyer	
	Duct: Air, Heating, Cable, Exhaust	
	Lift, Dumbwaiter	
	Light well	
	Ventilation shaft, Conduit shaft, Utility shaft	
Service or Equipment Area		
	Enclosure with oxygen-enriched atmosphere	
	Enclosure with pressurised air	
	Heating equipment, Water heating	
	Incinerator room	
	Machinery Room/Area: Engine, Cooling, Pump, Lift	

	Maintenance shop, Repair, Welding, Spray Painting	
	Service or equipment area - not classified above	
	Test cell	
	Transformer, Switch gear, Electrical control board	
Storage and Garage Area		
	Garage, Carport, Vehicle storage, Storage Shed	
	Product storage, Tank, Bin, Agri storage, Hay	
	Record storage/room, Vault	
	Rubbish, Industrial waste, Waste container	Excludes: Incinerators
	Shipping area, Receiving/Loading/Packing area	
	Storage and garage area - not classified above	
	Supply area, Tool room, Maintenance supply room	Excludes: Maintenance Shops, Repairs
	Wardrobe, Cupboard, Walk in pantry	
Structural, Roof, Ceiling Area		
	Balcony, Porch, Veranda	
	Ceiling and floor assembly	
	Ceiling and roof assembly	
	Chimney	
	Crawl space, Basement	
	Roof surface (exterior)	
	Wall assembly: Concealed wall space	
	Wall surface (exterior)	
Technical, Manufacturing Area		
	Computer/Electronic Equip Control Room/Area	
	First aid, Surgery, Treatment room, Dialysis room	
	Laboratory	
	Manufacturing, Process, Work room	
	Operating theatre, Recovery room	
	Photographic, Printing room	
	Projection room, Stage light, Spot light area	

Stage area, Dressing room, Performance area
Technical, Manufacturing area - Other
Unable to Classify
Unable to classify
Vehicle Area
Boot, Load carrying area
Engine area, Running gear
Fuel tank, Fuel line area
Operating control area: Cockpit, Truck Cab, Ship
Passenger area (of transportation equipment)
Vehicle area - not classified above
Wheel area

#### Purpose

Used to identify where on the property/location the incident began.

## Origin Level

#### Definition

Used for buildings with multiple levels. Defined as the floor of the building in which the fire or other event began. Consists of both a numerical reference code and a categorical string. Categories include (In floor order):

Origin Level	
Origin Level	Details
Below ground or water level	
Ground level	
1 <sup>st</sup> Floor	
2 <sup>nd</sup> Floor	
3 <sup>rd</sup> or 4 <sup>th</sup> Floor	
5 <sup>th</sup> -10 <sup>th</sup> Floor	
11 <sup>th</sup> -15 <sup>th</sup> Floor	
Above the 15 <sup>th</sup> Floor	
Roof Space	

#### Purpose

Used to identify where on the property/location the incident began.

## Equipment Involved

### Definition

The item or equipment that provided the heat to start the fire or was involved in the release of a hazardous substance. Consists of a wider Group category, a numerical reference code, and a categorical string. The full list of categories can be found in the Appendix.

### Purpose

Helps to track and determine causes of fire and other events.

## Natural Disaster Type

### Definition

Used for incidents classified as 'Assist Public: Natural Disaster'. Consists of both a numerical reference code and a categorical string. Specifies the type of natural disaster that FENZ assisted with. Categories include:

Natural Disaster Type	
Natural Disaster Type	Details
Earthquake	
Flood	
Natural Disaster – Not classified above	
Tsunami, Tidal waves	
Volcanic Eruption	
Wind storm, Tornado, Cyclone, etc...	

### Purpose

Used to distinguish what kind of natural disaster was being responded to.

## Rescue Type

### Definition

Used for incidents classified as 'Technical Rescue'. Technical Rescue refers to the rescue of a person or animal, requiring advanced skills or equipment (e.g., trapped under machinery). Consists of both a numerical reference code and a categorical string. Categories include:

Rescue Type	
Rescue Type	Details
Animal Rescue	
Collapsed structure rescue	
Electrocution	
In or under machinery	

Lock-in, Trapped inside structure

Rescue from water

Roof, Cliff, Tree or other heights rescue

Technical Rescue – not classified above

Trapped in a lift

Underground rescue, Trench collapse

#### Purpose

Used to determine who or what is being rescued and from what or where.

## Arrival Condition

### Definition

The condition of the fire when FENZ staff arrived on scene. This is a subjective description from the attending staff. Consists of both a numerical reference code and a categorical string. Categories include:

### Arrival Condition

Arrival Condition	Details
No Fire or Smoke	
Smoke only	
Out on arrival	
Small fire	
Large Fire	
Totally involved fire	Fire taken over the entire structure
Unable to Classify	

#### Purpose

To determine how large the fire had grown before FENZ staff arrived at the scene.

## Heat Source

### Definition

The heat source that led to the fire, if any. Consists of a wider Group category, a numerical reference code, and a categorical string. Categories include:

### Heat Source

Group	Source Name	Details
Battery or Battery Powered Device		
	Battery (no device - lithium ion)	
	Battery (no device - other chemistry)	



	Electric vehicle (car)	
	Electric vehicle (micromobility i.e. Scooter)	
	Laptop	
	Mobile phone	
	Other (capture details in the COMMENTS tab)	
	Powered tool	
	Powered toy	
	Vape / smoking device	
Cigarettes, Matches and Candles		
	Candle	
	Cigarette, Cigar or Smoking materials	
	Cigarettes, matches and candles - Other	
	Heat from smoking material	Discontinued 17/10/2014
	Lighter/Match/Candle - POSSIBLE combination of	Discontinued 17/10/2014
	Lighters	
	Matches	
	Pipe	Discontinued 17/10/2014
Electrical Equipment		
	Arc from fault, Loose or broken conductor	
	Arc from switch, electric fence or operating equip	
	Arcing or overloaded electrical equipment - Other	
	Electric lamp	
	Fluorescent light ballast	
	Heat from electrical equip: Defective or faulty	
	Heat from electrical equipment: Incorrectly used	
	Heat from electrical equipment: Properly operating	
	Heat from overloaded equipment	
	Short circuit arc: Defective or worn insulation	

	Short circuit arc: Mechanical damage	
	Short circuit arc: Unspecified	
	Short circuit arc: Water cause	
Explosives, Fire Works		
	Bomb, Military rocket, Ammunition	
	Explosives, Fire works - not classified above	
	Explosives, fuses, and associated equipment	
	Fireworks / Pyrotechnics	
	Flare: Warning, Safety, Boat	
	Incendiary devices, Molotov cocktail	
	Lighter/Match/Candle - POSSIBLE combination of	Discontinued 17/10/2014
	Rockets: Commercial, model or amateur	
	Tracer ammunition	
Exposure Fire		
	Exposure Fire - unable to classify	
	Exposure fire: Conducted heat	
	Exposure fire: Direct burning (convection currents)	
	Exposure fire: Ember, Spark, Flying brand	
	Exposure fire: Radiated heat	
Gas or Liquid Fuel Powered Equipment		
	Flame escaping from liquid fueled equip, Backfire	
	Flame from gas equipment other than a torch	
	Gas or liquid cutting torch: Spark, Ember, Flame	
	Gas or liquid fuel powered equipment - Other	
	Gas or liquid welding torch: Spark, Ember, Flame	
	Heat from gas fueled equipment	
	Heat from liquid fuelled equipment	

	Lighter/Match/Candle - POSSIBLE combination of	Discontinued 17/10/2014
	Other gas or liquid powered sources: Furnace, Torch	
Hot Object		
	Embers, Ashes	
	Friction heat, Overheated tyres	
	Hot object - not classified above	
	Molten material: Hot glass, Brake shoes, Slag	
	Re-ignition, Rekindle from previous fire	
Natural Source		
	Lightning discharge	
	Solar heat: Sun (magnified through glass etc)	
	Spontaneous ignition, chemical reaction	Spontaneous Ignition: Combustion is defined as Initiation of combustion of a material by an internal chemical or biological reaction that has produced sufficient heat to ignite the material
	Spontaneous ignition; organic- hay, linseed oil etc	
	Static electrical discharge	
Outside Fire		
	Agricultural fire or burn off	
	Outside bonfire	
	Outside fire - unable to classify	
	Outside fire for cooking	
	Outside fire for warmth / Campfire	
	Refuse burning	
Solid Fuelled Powered Equipment		
	Coal fuelled equipment: Spark, Ember, Flame	

Heat from coal or coke fuelled equipment	
Heat from other solid fuelled equipment	
Heat from paper-fuelled equipment	
Lighter/Match/Candle - POSSIBLE combination of	Discontinued 17/10/2014
Solid fuelled powered equipment - Other	
Wood/paper fuelled equipment: Spark, Ember, Flame	
Unable to Classify	
Information not recorded/Unknown	Used as a last resort only when the heat source is unknown
Unable to classify	Used as a last resort only when the heat source is unknown
Vegetation Source	
Animals	
Bark or sawdust spontaneous ignition	
BBQ	
Bee-Keeping smoking tool	
Birds nest	
Broadcast slash burn	
Chainsaws	
Clashing / Arching power lines	
Crop burn	
Debris burning	
Earthwork or forestry machinery	
Electrical Fence	
Exhaust heat / Spark	
Farm machinery	
Frost pots	
Geothermal Activity	
Hay/silage spontaneous ignition	
Lantern	

Maintenance crews
Malfunction
Matchers or Lighters
Motorbike, Truck or Car
Mowers and slashers
Oil and gas exploration
Railway Locomotive or carriage
Ropes / binding
Scrub and tussock burn
Skid site spontaneous ignition
Sky / Chinese lanterns
Trees
Umu / Hangi
Welding, grinding, cutting
Windrow / slash pile
Wood-fired pizza ovens

#### Purpose

Used to examine what Heat Source may be causing fires. Can be used alongside Equipment Involved and Cause to determine specific conditions that caused the Fire.

## Fire Detect Type

#### Definition

Systems that are in place at the site to detect and extinguish a fire (if any). Note that this is independent from Alarm or Alarm Device in that the devices in this measure are recorded regardless of whether or not they activated correctly.

Fire Detect Type	
Fire Detect Type	Details
CO2	
Deluge System	
Domestic (Home) Sprinkler	
Domestic Smoke Alarms	Used for alarms with mini-battery powered units.
Drencher System	
Dry Powder	
Flame Detector	

Flammable vapour detector	
Foam	
Halons (BCF, BTM, Etc..)	
Heat detector, Thermal detector	
Inert gas (not CO2)	
Manual Fire Alarm	
Residential Sprinkler	
Smoke Detector System (Monitored)	Smoke detector system installed and monitored by an approved alarm monitoring agency.
Smoke Detector/Security Alarm System	Smoke detector/alarm system that is part of a monitored building security system. Usually with a separate alarm sounding device.
Smoke sampling system	
Sprinkler	
Unable to Classify	
Water spray projection system	

#### Purpose

Used to determine what method/s were present at the site for detecting a fire.

## Fire Detect Perform

#### Definition

Defines whether or not the Fire Detector worked to alert occupants and/or the public, and its approximate location in relation to the fire. Consists of a binary Group category (Detector in room or not), a numerical reference code, and a categorical string. Categories include:

Cause		
Group	Cause Name	Details
Detector in Room or Space of Fire Origin	Alerted occupants - detector in room of origin	
	Alerted public - detector in room of origin	
	Detector in room of origin - not classified above	
	Detector in Room operated AND was EFFECTIVE	Monitored or inbuilt detection system operated and alerted agents/occupants

	Did not operate - detector in room of origin	
	Fire too small to activate detector in room of origin	
	System operated AND was EFFECTIVE	Discontinued 27/8/2014
Detector Not in Room or Space of Fire Origin		
	Alerted occupants but detector not in room of origin	
	Alerted public - detector not in room of origin	
	Detector not in room of origin - Other	
	Detector Not in Room operated AND was EFFECTIVE	Monitored or inbuilt detection system operated and alerted agents/occupants
	Detector operated - not classified above	Discontinued 27/8/2014
	Detector operated, but occupants failed to respond	Discontinued 27/8/2014
	Detector operated, but was not a factor in discovery of fire	Discontinued 27/8/2014
	Did not operate - detector not in room of origin	
	System operated AND was EFFECTIVE	Discontinued 27/8/2014
	System operated but was INEFFECTIVE	Discontinued 27/8/2014
	Unable to classify	Discontinued 27/8/2014

#### Purpose

Used to determine if the Fire Detector was effective or ineffective, based on its position in relation to the fire. Used alongside Fire Detect Type and Fire Detect Failure to determine the type of detector and why it may have performed or failed.

## Fire Detect Failure

### Definition

Defined as the reason why a Fire Detector failed to detect a fire, if applicable.

Fire Detect Failure	
Fire Detect Failure	Details
Battery flat or removed	
Defective detector	
Defective discharge head or outlet	
Detector not in room of origin	
External Power Supply failed	Includes power shut off or disconnected
Extinguishing agent discharged – did not reach fire	
Extinguishing system piping damaged or blocked	
Improper installation/Placement of detector	
Inadequate maintenance	
No discharge heads/detectors in room or space of fire origin	
Suppression system overwhelmed by fire	
System shut down	
System tampered with	
Unable to Classify	
Unknown	
Water in system	
Wrong extinguishing agent applied to fire	E.g., sprinkler system on an oil fire. This code is not generally used, as an alarm system applying an extinguishing agent has still detected the fire

### Purpose

To provide additional details on why Fire Detector/s failed.

## Fire Type

### Definition

Additional clarification on the type of fire that occurred. This variable is only populated if the incident type is set to "Other Fire – not classified above". Consists of both a numerical reference code and a categorical string. Categories include:

Fire Type	
Fire Type	Details



Barbecue Fire
Barbecue Fire: Gas
Bonfire, Camp Fire
Camp fire
Gas cooking, Gas Camping Stove fire
Hangi, Umu fire, Cultural cooking fire
Incendiary device
Other fire – not classified above
Outside fire: Material burnt has definable value

#### Purpose

Further helps define the type of fire/cause when “Other Fire” is selected.

## Num Floors

#### Definition

The number of floors in the building from ground upwards where the ground floor is 1, does not include basement levels.

#### Purpose

Provides information about the structure. Can be used to determine the size of the building alongside Number Basements.

## Number Basements

#### Definition

The number of basement levels of the building.

#### Purpose

Provides information about the structure. Can be used to determine the size of the building alongside Number Basements.

## Building Age

#### Definition

The age group when the building was constructed. The date ranges align approximately with updates in laws/regulations relating to fire safety, such as Building Regulations 1992. Consists of both a numerical reference code and a categorical string. Categories include:

### Building Age

Age periods	Details
Pre 1900	

1900-1945

1946-1969

1970-1991

1992-2005

2006 onwards

Unknown

#### Purpose

To determine the age of the building, and which building laws it was built under. Can be used alongside Construction Type and Number floors/Number basements to determine details about the building and how flammable it may be.

## Construction Type

#### Definition

The method and materials by which the structure was built (if applicable). Consists of both a numerical reference code and a categorical string. Categories include:

Construction Type	
Construction Type	Details
Brick, Blocks, etc.	
Heavy timber	Discontinued 30/6/2000
Metal frame protected	
Metal frame unprotected	
Plastic Construction: Composite formed	
Polystyrene Blocks	
Reinforced concrete tilt slab	
Reinforced concrete with combustible cladding	
Timber frame protected	
Timber frame unprotected (normal housing)	
Unable to classify	Known, but does not fit within this classification structure
Unknown	Was not able to be determined

#### Purpose

To determine the condition of the building and how flammable it may have been.

## Damage Flame

### Definition

The extent of damage to the building caused by the flames. Consists of both a numerical reference code and a categorical string. Categories include:

Damage Flame	
Damage Flame	Details
No damage of this type	
Confined to object of origin	
Confined to part of room or area of origin	
Confined to room of origin	
Confined to fire cell of origin	Fire cell refers to the area contained by nonflammable material/fire doors, etc..
Confined to floor of origin	
Confined to structure of origin	
Extended beyond structure of origin	
Purpose	
Used to determine the severity of the fire.	

## Damage Smoke

### Definition

The extent of damage to the building caused by the smoke. Consists of both a numerical reference code and a categorical string. Categories include:

Damage Smoke	
Damage Smoke	Details
No damage of this type	
Confined to object of origin	
Confined to part of room or area of origin	
Confined to room of origin	
Confined to fire cell of origin	Fire cell refers to the area contained by nonflammable material/fire doors, etc..
Confined to floor of origin	
Confined to structure of origin	
Extended beyond structure of origin	
Purpose	
Used to determine the extent of damage caused by smoke from the fire.	

## Damage Water

### Definition

The extent of damage to the building caused by water that was used for fire suppression. Consists of both a numerical reference code and a categorical string. Categories include:

Damage Water	
Damage Water	Details
No damage of this type	
Confined to object of origin	
Confined to part of room or area of origin	
Confined to room of origin	
Confined to fire cell of origin	Fire cell refers to the area contained by nonflammable material/fire doors, etc..
Confined to floor of origin	
Confined to structure of origin	
Extended beyond structure of origin	

### Purpose

Used to determine the extent of water damage resulting from firefighter actions or sprinkler systems.

## Fire Size

### Definition

A subjective evaluation of the size of the vegetation fire as either Small, Medium, or Large. Small is considered the size of a tree, pile, or hedge, Medium is less than 0.5 hectares, while Large is greater than 0.5 hectares.

### Purpose

Can help distinguish the severity of vegetation fires.

## Total Area

### Definition

The approximate square metreage of area damaged by fire. This value is only present for vegetation fires.

### Purpose

To compare the coverage of different vegetation fires.

## Spread Extent

### Definition

The extent of the spread of the hazardous substance when FENZ staff arrived on site. Consists of both a numerical reference code and a categorical string. Categories include:

Spread Extent	
Spread Extent	Details
Spread confined to vehicle/equip/object of origin	
Spread confined to room of origin	
Spread confined to level of origin	
Spread confined to structure of origin	
Spread confined to property of origin	
Spread not confined to property of origin	
Unable to classify	

### Purpose

Used to determine how much the hazardous substance had spread.

## Wind Direction

### Definition

The wind direction at the location of the hazardous substance when FENZ staff arrived on site. Consists of both a numerical reference code and a categorical string. Categories include:

Wind Direction	
Wind Direction	Details
East	
No wind	
North	
Northeast	
Northwest	
South	
Southeast	
Southwest	

### Purpose

Used to help determine the influence of the wind on the spread of hazardous substance spills.

## Wind Speed

### Definition

The wind speed at the location of the hazardous substance when FENZ staff arrived on site. This is a subjective assessment made by the staff on the scene. Consists of both a numerical reference code and a categorical string. Categories include:

Wind Speed	
Wind Speed	Details
Calm	
Gale	
Light Breeze	
Moderate Breeze	
Strong Breeze	

### Purpose

Used to help determine the influence of the wind on the spread of hazardous substance spills.

## Advice Sought

### Definition

Whether information or advice was sought to manage the hazardous substance. Consists of a simple Y/N (Yes/No) category.

### Purpose

To determine whether advice was sought for the response to a hazardous substance incident.

## Primary Advice

### Definition

The primary source from which information or advice was sought to manage the hazardous substance. Primary in this instance referring to the first person contacted by FENZ staff. Consists of both a numerical reference code and a categorical string. Categories include:

Primary Advice	
Primary Advice	Details
Advice from person/source not connected to product	
Company/agent/rep of product causing incident	
Documentation at incident	
Fire service information	
Government department/local body representative	

Hazchem

No specialised information sought

Unable to classify

#### Purpose

To determine who was consulted with in relation to managing the hazardous substance.

## Secondary Advice

### Definition

The secondary party from whom information or advice was sought in relation to managing the hazardous substance, if any. Secondary in this instance referring to the second person contacted by FENZ staff. Consists of both a numerical reference code and a categorical string. Categories include:

### Secondary Advice

Secondary Advice	Details
Advice from person/source not connected to product	
Company/agent/rep of product causing incident	
Documentation at incident	
Fire service information	
Government department/local body representative	
Hazchem	
No specialised information sought	
Unable to classify	

#### Purpose

To determine what additional party may have been contacted for information or advice in relation to managing the hazardous substance.

## Contamination

### Definition

The type of environment contaminated by the hazardous substance, if any. Consists of both a numerical reference code and a categorical string. Categories include:

### Contamination

Contamination	Details
Air/Ground/Sea Water: Air only	
Air/Ground/Sea Water: Ground only	

Air/Ground/Sea Water: No contamination	
Air/Ground/Sea Water: Sea water only	
Air/Ground/Water: rivers, streams, creeks	
Combinations of Air, Ground or moving Water	
Combinations of Air, Ground or Water Reservoirs	Note that two codes have been used with the same label at different times (codes 44 and 50).
Combinations-Air/Ground/Water - Sea	
Combinations-Air/Ground/Water - swamps	
Combinations-Air/Ground/Water lakes	
Combinations-Air/Ground/Water swamps	
Combinations-Air/Ground/Water: Air and ground	
Combinations-Air/Ground/Water: Air, ground, lakes	
Combinations-Air/Ground/Water: Air, sea water	
Fresh Water: Lakes only	
Fresh Water: Reservoirs only	
Fresh Water: Rivers, streams, creeks	
Fresh Water: Swamps only	
Ground and Water: Ground, sea water	
Ground and Water: Lakes only	
Ground and Water: Reservoirs only	
Ground and Water: Rivers, streams, creeks	
Ground and Water: Swamps only	
Unable to classify	

#### Purpose

To help determine what the hazardous substance contaminated.

## Population Dens

#### Definition

The land use and population density of the area contaminated by the hazardous substance. Consists of both a numerical reference code and a categorical string. Categories include:

### Population Dens

Population Dens	Details
Commercial: Low density	



Commercial: Medium Density

Commercial: High density

Industrial: Low density

Industrial: Medium Density

Industrial: High density

Residential: Low density

Residential: Medium density

Residential: High density

Rural

Semi rural: Industrial

Semi rural: Residential

Unknown

#### Purpose

To determine the extent of effects of the hazardous substance contamination on the people in the surrounding area.

## Substance Type

#### Definition

The type of hazardous substance. Categorised as either Biological or Chemical.

#### Purpose

Helps to determine whether the hazardous substance is biological or chemical in nature.

## Agency In Attendance

#### Definition

The agency/agencies in attendance of the hazardous substance spill or leak. Consists of both a numerical reference code and a categorical string. Categories include:

### Agency in Attendance

Agency in Attendance	Details
----------------------	---------

Civil Aviation Authority	
--------------------------	--

Environmental Protection Authority (EPA)	
--	--

Maritime New Zealand	
----------------------	--

Ministry of Health	
--------------------	--

New Zealand Police	
--------------------	--

New Zealand Transport Agency	
------------------------------	--

No Other Agency

Other – not classified above

Territorial authorities and regional councils

Worksafe New Zealand

#### Purpose

To determine what other agencies were involved in dealing with the hazardous substance.

## False Alarm Cause

### Definition

The cause of a false alarm being activated. Consists of a wider Group category, a numerical reference code, and a categorical string. Categories include:

### False Alarm Cause

Group	False Alarm Cause Name	Details
Building Usage	Aersol spray	e.g. from painting or other work process
	Dust or power released during work process	
	Forklift operation	
	Fumes from chemicals released during work	
	Fumes from food processing	
	Fumes from fumigation activities	
	Fumes from hot work or machinery released during work	
	Fumes from toasters	
	Fumes from vehicles	
	Smoke from smokers	
	Steam	e.g. from bathroom, sauna, steam room, boiler
	Vehicle	
	Water vapour/mist	e.g. from water blasting
Equipment	Broken pipe	
	Call point damaged	
	Call point, no glass in box	
	Defect detector - corrosion	

Defect detector - failed head
Defect detector - water in detector
Defect fire alarm panel
Defect sprinkler head
Defect system wiring
Flat battery
System water pressure drop
External Environment
Barbeque or other outside fire.
Genuine fire in the vicinity
Lightning
Mains water pressure increase
Power surge
Radio interference
Wind
Human Intervention
Accidental alarm activation by other than service agent
Accidental alarm activation by service agent
Alarm activation caused by non-fire related criminal activity
Lights mistaken for fire
Malicious activation(detector tampered with)
Malicious activation(no sign of fire, no one in attendance)
Smell of smoke
Steam or dust mistaken for smoke
Animals
Dirt or dust
Flooding or water leaks
High air flow/draughts
Preflame condition of over heating (not toaster)
Other
No apparent cause

## Purpose

To determine why a false alarm was triggered.

## Good Intent Type

### Definition

The reason that a false alarm occurred, if the person raising alarm had good intent. Good intent means that the person genuinely believed there to be a fire or emergency requiring FENZ response. Consists of both a numerical reference code and a categorical string. Categories include:

Good Intent Type	
Good Intent Type	Details
Authorised controlled burn	
Burglar or other alarm mistaken for fire alarm	
Call cleared prior to arrival	
Call in the vicinity of another fire	
Hazardous substance no action taken	
Lights thought to be fire	
Other – Not classified above	
Rescue no action taken	
Smell of smoke	
Steam, Dust, etc. mistaken for smoke	
Unauthorised controlled burn	
Wrong locality	

### Purpose

False alarms can often be called in/call points set off by members of the public that believe there is an emergency occurring when there is not, or when the situation does not require FENZ response. This measure helps determine the reason that the member of the public believed there was a fire or other emergency.

## Appendix Tables

### General Property Use

General Property Use		
Group	Specific Use	Details
Commercial, Retail, Manufacturing, Storage	Commercial - not classified above	
	Industrial, Manufacturing	
	Office, Bank, Embassy, Fire/Ambo/Police station	
	Restaurant, Pub, Tavern	
	Service/Repair, Dry cleaner, Laundry, Workshop	
	Shop, Mall, Supermarket, Gas station, Sales, Other	
	Storage, Warehousing	
Communications, Research	Communications, Research - not classified above	
	Laboratory, Research use	
	Studio: Radio, TV	
	Telephone exchange, Communications use, Data processing	
Construction, Renovation	Construction, Renovation - not classified above	
	Construction, Renovation, Demolition site	
	Vacant building, Section	
Educational	Educational, Health, Institutional - Other	
	School: Pre-school through to Secondary/High	
	University, Polytech, Other post-secondary venue	
Health, Institutional		

	Doctors/Dentists emergency clinic, Medical centre
	Educational, Health, Institutional - Other
	Hospital, Hospice, Rest home, Rehab centre
	Prison, Correctional institution
No Address	
	Non existent address
Other	
	Defence, Military use
	Mine, Quarry, Oil well
	Public Toilet
	Unable to classify
Recreational, Assembly	
	Church, Cemetery, Religious use
	Community hall
	Library, Museum, Art gallery, Court etc
	Marae, Maori Culture use
	Passenger terminal
	Recreational use, Theatre, Indoor sports, Pool, Park, Zoo, Aquarium
	Recreational, Assembly - not classified above
	Sports club, Health club
	Sportsfield, Stadium
Residential	
	Boarding/Halfwayhouse, Dorm, Homestay/Backpacker
	Flat, Apartment, Home unit
	Hotel, Motel, Lodge, Timeshare
	Residential - not classified above
	Single house
Rural, Farming, Forests	
	Commercial forestry
	Conservation, Recreation park, Reserve
	Farming, Horticulture, Agricultural use

Lifestyle block
Open land
Rural - not classified above
Transportation
Airport
Railway property
Road, Street, Motorway
Utilities, Disposal
Power station
Rubbish tip, Transfer station, Haz Waste disposal
Water Areas
Stormwater, Harbour, Lake, River, Beach/Waterfront

## Specific Property Use

Specific Property Use		
Group	Specific Use	Details
Agriculture, Horticulture	Agriculture, Horticulture – not classified above	
	Apiary: Bees	
	Cereal	
	Farm: Dairy, Beef	
	Farm: Deer	
	Farm: Fish	
	Farm: Goat	
	Farm: Mixed animals	
	Farm: Pig	
	Farm: Poultry	
	Farm: sheep	
	Farm: Stud, Horse, Cattle	
	Flower	
	Mixed crops	

	Orchard	
	Primary Industries & Utilities Property – other	
	Storage open: Bard, Silo, Bin, Bulk/loose	
	Tobacco growing	
	Unknown	
	Vegetables	
	Winery, Vineyard, Cider	
Aircraft Area		
	Airport terminal	
	Heliport, Helipad	
	Runway	
	Taxiway, Loading/Parking area, Maintenance area	
	Tower/Site: Radio, Microwave, Repeater, Satellite	
Boarding, Half-Way House, Dormitory		
	Boarding house	
	Boarding, Half-way house, Dormitory - Other	
	Bunk house, Workers barracks	
	Half-way house	
	Military forces, Police barracks	
	Nurses home	
	Residential Property - not classified above	
	University/School accommodation or Dormitory	
Care of the Intellectually Handicapped		
	Community Care eg. IHC institution or similar	Any building where care is given via community-based organisations.
	Community Care or similar	An old code, discontinued on 1/3/2004
	Healthcare & Institutional Property - Other	
	Psychiatric institution	



Drug, Alcohol, Substance abuse rehab centre
Healthcare & Institutional Property - Other
Physical rehabilitation facility
Spinal unit
Care of the Sick and Injured
Abortion clinic
Accident and emergency clinic
Community or Occupational Health, Physiotherapy
Doctors, Dental, Physio, or other medical centre
General hospital: Public and private
Healthcare & Institutional Property - Other
Hospice
Maternity hospital
Veterinary clinic
Care of the Young
Childrens health camp
Childrens home, Orphanage
Foster home
Healthcare & Institutional Property - Other
Church, Place of Worship
Church hall, Whare karakia
Church, Chapel, Synagogue, Mission
Funeral home/parlour
Clothing, Shoe, Fabric Shops
Clothing shop: New and used
Commercial Property - not classified above
Fabrics, Wool shop
Leather goods, Fur shop
Shoe shop
Tailor, Dressmaker
Communication and Data Processing

	Communication control room, Control centre	e.g., Fire, Police, Ambulance, Civil defence
	Data processing centre	
	Primary Industries & Utilities Property - other	
	Telephone exchange	
	Tower/Site: Radio, Microwave, Repeater, Satellite	
Community Hall		
	Assembly Property - not classified above	
	Community hall, Scout hall, Girl Guide hall	
Conservation, Recreation area		
	Conservation park	
	Conservation, Recreation area - Other	
	National park	
	Reserve	
Department store, Shopping mall		
	Commercial Property - not classified above	
	Department store	
	Shopping mall	
Flat, Home Unit, Apartment		
	Flat, Apartment, Unit - unknown or undetermined	Discontinued on 1/7/2000
	Flats, Apartments, Units 1 to 2	
	Flats, Apartments, Units 11 to 20	
	Flats, Apartments, Units 21 to 30	
	Flats, Apartments, Units 3 to 10	
	Flats, Apartments, Units 31 to 40	
	Flats, Apartments, Units over 40	
	Residential Property - not classified above	
Food and Beverage Sales		
	Commercial Property - not classified above	
	Dairy, Butcher, Fish shop, Bakery, Other food shop	

	Food and beverage sales - not classified above
	Food and beverage sales - unknown or undetermined
	Liquor store
	Nightclub
	Pub, Tavern, Inn
	Restaurant, Cafeteria, Diner
	Sportsclub with restaurant
	Supermarket: Over 1000 m2
	Supermarket: Under 1000 m2, Superette, Market
	Takeaway bar, Lunch bar, Fish and chips, Fast food
	Baking powder, Yeast, Vinegar, Spices, Tea, Salt
	Bread, Bakery products, Biscuits, Pies etc
	Brewery, Beer making, Malt production
	Canning, Packaging, Preserving or Dehydrating Food/Juice
	Canning, Packaging, Preserving: Fish, Seafood
	Cooking oils, Margarine, Edible fats
	Manufacturing Property - not classified above
	Milk, Ice cream, Cheese, Butter, Dairy products
	Milling: Flour, Grain, Rice, Cereals
	Potato chips, Snack foods etc
	Slaughter, Meat works, Meat prep, Meat preserving
	Soft-drinks, Flavourings
	Spirits distilling, Blending
	Sugar refining, Syrups, Chocolate, Cocoa, Lollies
	Winery, Vineyard, Cider
Forest	
	Douglas-fir stand

	Eucalypt stand	
	Exotic	Discontinued on 1/7/2000
	Mixed	
	Native	Discontinued on 1/7/2000
	Other hardwood stand	
	Other softwood stand	
	Primary Industries & Utilities Property – other	
	Radiata pine stand	
	Single tree, Hedge	Discontinued on 1/7/2000
Furniture, Furnishing, Appliance, Sales, Repairs		
	Appliances, Electronic goods	
	Carpet, Rug shop	
	Commercial Property - not classified above	
	Furniture shop: New and used	
	Furniture, Appliance, Sales, Repairs - Other	
	Paint, Wallpaper shop	
	Upholstery, Furniture repair shop	
General Storage		
	Freight terminal, Freight forwarding, Wharf shed	
	Mixed goods storage, Warehouse	
	Storage Property - not classified above	
Hotel, Motel, Lodge		
	Hotel, Motel, Lodge: With liquor licence	
	Hotel, Motel, Lodge: Without liquor licence	
	Residential Property - not classified above	
House		
	House - not classified above	
	Residential Property - not classified above	
	Single house	
Laboratory		

	Laboratory: Agricultural	
	Laboratory: Educational, Psychological	
	Laboratory: Electrical, Electronic	
	Laboratory: Illegal substance(eg.Meth), Clandestine	Any laboratory where product manufactured is illegal.
	Laboratory: Materials testing	
	Laboratory: Medical, Chemical, Biological	
	Laboratory: Not classified above	
	Laboratory: Radioactive materials	
	Primary Industries & Utilities Property - other	
Library, Museum, Art Gallery, Courtroom		
	Courtroom	
	Historic building	
	Library	
	Monument	
	Museum, Art gallery, Planetarium	
	Parliament	
Manufacture: Clothing, Footwear, Luggage		
	Manufacture: Bag, Luggage	
	Manufacture: Clothing, Knitwear, Hat	
	Manufacture: Footwear	
	Manufacture: Umbrella, Walking stick	
	Manufacturing Property - not classified above	
Manufacture: Metal, Metal Products, Electrical Machinery		
	Manufacture: Electrical or electronic Equip/Batteries	
	Manufacture: Iron, Steel (raw products)	
	Manufacture: Machinery, Engines, Parts	
	Manufacture: Metal products or processes, Galvanising, Welding	
	Manufacture: Other metals (raw products)	

Manufacturing Property - not classified above

Manufacture: Mineral Products	
	Manufacture: Bricks, Clay tiles, Clay pipes, Pots
	Manufacture: Cement
	Manufacture: Glass products, Optical , Fibreglass
	Manufacture: Plaster/Gypsum board, Stone products
	Manufacture: Pottery, China, Earthenware
	Manufacturing Property - not classified above
	Manufacture: Concrete materials, blocks, tiles
Manufacture: Paint, Drug, Asphalt, Petroleum, Plastics, Chemicals	
	Manufacture: Asphalt, Tar, Coal, Briquettes etc
	Manufacture: Drug, Medicine, Cosmetic, Perfume
	Manufacture: Industrial chemicals & gases (non-haz)
	Manufacture: Other industrial chemicals(hazardous)
	Manufacture: Paint, Varnish, Inks, Wax, Adhesive
	Manufacture: Plastic finished products
	Manufacture: Plastic raw materials
	Manufacturing Property - not classified above
	Petroleum refinery, Natural gas plant, oil, grease
Manufacture: Textile, Leather, Rubber	
	Bleaching, Dyeing
	Manufacture: Natural Materials, Wool, Cotton, Silk
	Manufacture: Rope, Twine, Net making, Cordage
	Manufacture: Rubber, Rubber products
	Manufacture: Straw, Coir, Fibre recovery

	Manufacture: Synthetic Fabrics, Nylon, Rugs, Other
	Manufacture: Textile, Leather, Rubber - other
	Manufacture: Vinyl, Lino, Cork, synthetic floors
	Manufacturing Property - not classified above
	Tannery
Manufacture: Tobacco, Soap, Animal, Vegetable Oil	
	Manufacture: Soap, Detergents, Cleaning products
	Manufacture: Tobacco products
	Manufacturing Property - not classified above
Manufacture: Vehicle, Bicycle, Boat, Aircraft, Rail	
	Manufacture & Repairs: Trains, Wagons, Rail equip
	Manufacture, Assembly: Vehicles, Trailers, Parts
	Manufacture, Repair, Parts: Aircraft, Gliders
	Manufacture, Repair: Bicycle, Tricycle, Pedicab
	Manufacture/Repair:Boats <20m Parts, Engine, Drydock
	Manufacture/Repair:Boats>20m Parts, Engines, Drydock
	Manufacture: Forklift, Tractor, Bulldozer, Mobile Crane
	Manufacturing Property - not classified above
Manufacture: Wood, Cane Products, Paper Printing Products	
	Kitset, Modular, Prefab. Buildings
	Manufacture: Paper, Pulp, Cardboard
	Manufacture: Book, Newspaper, Magazine, Journal
	Manufacture: Box, Crate, Carton, Barrel, Basket
	Manufacture: Furniture, Bedding
	Manufacturing Property - not classified above

	Printing, Typesetting, Photoengraving, Engraving
	Sawmill, Wood components, Tanalising, Prefab parts
Mine, Quarry, Oil Well	
	Mine: Coal
	Mine: Ore, Gold, Other metal
	Oil well, Oil shale, Natural gas well
	Primary Industries & Utilities Property - other
	Quarry: Stone, Rock, Gravel, Slate, Clay
	Salt: Refining and production
Mobile Property Storage and Parking	
	Aircraft hangar
	Heavy machinery, Road, Farming, Contracting, Snow
	Marina, Boat park, Boatshed
	Private fleet carpark: Car, Bus, Truck (1 level - covered)
	Private, Fleet carpark: Uncovered
	Public carpark: Multi-storied above ground
	Public carpark: Multi-storied below ground
	Public carpark: Multi-story above and below ground
	Public carpark: Single level - covered
	Public carpark: Uncovered
	Railway storage, Locomotive shed
	Storage Property - not classified above
Non-existent address	
	Non-existent address
Office, Commercial Premise	
	Bank, Post bank
	Commercial Property - not classified above
	Embassy, Consulate
	Fire station, Ambulance station
	Mailing firm



	Office, Commercial premises - not classified above
	Office: General business
	Photocopying, Fast print shop
Other Shops	
	Art supply
	Bags, Luggage
	Book, Magazine, Stationery, Office supplies
	Camera, Photographic equipment
	Chemist, Pharmacy
	Commercial Property - not classified above
	Fireworks, Explosives
	Florist
	Garden centre
	Gifts, Souvenirs
	Hairdresser, Beauty salon, Barbers shop
	Hardware shop
	Jewellery, Glassware, China
	Lawnmowers, Bicycles
	Massage parlour, Strip club
	Music, Records, CDs, DVDs
	Optician
	Other shop - not classified above
	Pet shop
	Post shop
	Sports goods, Gun shop, Camping equipment
	Timber supply
	Toy shop
	Video hire, DVD hire
Outdoor Area	
	Campsite, Caravan site, Campervan park
	Cemetery, Uruupa (Maori burial site)
	Golf course

	Lawn area, Backyard, Garden area, Patio area
	Open land
	Rifle range, Shooting gallery
	Roadside vegetation
	Vacant section
Passenger Terminal	
	Airport terminal
	Bus terminal
	Ferry, Marine terminal
	Heliport, Helipad
	Railway station
Power Station, Energy Production	
	Power station: Coal
	Power station: Gas, Diesel
	Power station: Geothermal, Steam
	Power station: Hydroelectric
	Power station: Wind, Wind turbine
	Primary Industries & Utilities Property - other
Prison, Correction Institution	
	Healthcare & Institutional Property - Other
	Police station: No cells, Periodic detention centre
	Police station: With cells
	Prison: Mens
	Prison: Womens
	Young persons detention, Borstal
Railway Property	
	Manufacture & Repairs: Trains, Wagons, Rail equip
	Rail siding
	Rails and tracks
	Railway station
	Railway yard

Signal box, Switch gear building

Recreational Place: Fixed Use	
Billiard, Pool centre	
Cinema, Picture theatre	
Ice skating, Ice hockey	
Indoor sports centre	e.g. Indoor cricket, netball
Live theatre	
Recreation places: Fixed use - Other	
Rifle range, Shooting gallery	
Roller skating rink	
Swimming pool, Spa pool	Includes: Changing rooms
Ten pin bowling alley	
Video games, Housie, Amusement centre	
Zoo, Aquarium	
Recreational Place: Variable Use	
Auditorium, Concert hall	
Exhibition hall	
Grandstand, Stadium, Sportsfield	
Gymnasium, Ballroom, Dance hall	
Playground, Park, Amusement park	
Recreation places: Variable use - Other	
Wharekai - Cultural dining room	
Wharenuī - Cultural meeting house	
Residential Outbuilding, Shed, Garage	
Carport	
Childrens playhouse	
Dog kennel, Aviary, Cage, Other animal enclosures	
Garage	
Garden shed, Other shed	

	Gazebo, Marquee	Residential Structures - Outbuildings.
	Glasshouse, Shadehouse	
	Pool house, Spa pool	
	Residential outbuilding - not classified above	
	Residential Property - not classified above	
	Tent, Sleepout	Tent or Sleepout as a residential structure. For Marquee's, use "Gazebo"
Rest Home, Old Person's Home		
	Healthcare & Institutional Property - Other	
	Rest home: With nursing care	
	Rest home: Without nursing care	
Road, Street		
	Motorway	
	Private road, Driveway	
	Public road, Street, Footpath	
	Road, Street - not classified above	
Rubbish Tip, Transfer Station		
	Hazardous waste disposal	
	Private tip	
	Public tip	
	Recycling bin	Includes: Clothing, Glass, etc.
	Rubbish tip, Transfer station - Other	
	Rubbish transfer station	
	Sewage disposal	
	Storage: Recycled paper	
School: Miscellaneous Educational Property		
	Community Care eg. IHC institution or similar	Any building where care is given via community-based organisations.

	Education Property - not classified above
	School for the blind, School for the deaf
School: Non Residential	
	Area school: Combination of years 1 - 13
	Day care centre, Playcentre, Creche
	Education Property - not classified above
	High school, College
	Intermediate school
	Kindergarten, Pre-school centre, Te Kohanga Reo
	Primary school
School: Residential and Boarding	
	Education Property - not classified above
	Intermediate/high school classroom building
	Primary/intermediate classroom building
	School classroom building - Any Year 1 - 13
School: Trade, Business	
	Business or Language school, other specialty school
	Education Property - not classified above
	Polytech, Nursing, Agricultural, Vocational school
	School: Trade, Business - not classified above
	Teachers training college
Special Structures	
	Bridge, Viaduct
	Bus shelter
	Chairlift, Ski lift, Cable car, Gondola
	Contractors shed
	Fence
	Kiosk
	Lamp post, Telephone pole, Power pole
	Mailbox
	Portaloo

	Public toilet	
	Recycling bin	Includes: Clothing, Glass, etc.
	Special structure - not classified above	
	Telephone box, Booth	
	Ticket office, Toll booth	
	Tunnel	
Sport, Health Club		
	Billiard, Pool centre	
	Ice skating, Ice hockey	
	Indoor sports centre	e.g. Indoor cricket, netball
	Rifle range, Shooting gallery	
	Roller skating rink	
	Sports clubroom: Rugby, Athletics, Boating, YMCA etc	
	Sportsclub with restaurant	
	Swimming pool, Spa pool	Includes: Changing rooms
	Ten pin bowling alley	
Storage: Food, Beverage, Hay, Crops		
	Cool store	
	Storage open: Barn, Silo, Bin, Bulk/loose	
	Storage Property - not classified above	
	Storage, Warehousing: Mixed foodstuffs	
	Storage: Bagged, Baled, Boxed, Packaged, Other	
	Storage: Canned, Bottled	
	Storage: Frozen food, Freezer	
	Storage: Grain elevators	
Storage: Metal, Metal Products, Machinery and Electrical		
	Car wrecker, Scrapyard	
	Machinery	

	Storage Property - not classified above
	Storage: Electrical appliance components/equipment
	Storage: Finished metal product, Tool
	Storage: Metal parts, Construction, Auto, Plumbing, Mesh
	Storage: Raw metal product
Storage: Mineral Product	
	Storage Property - not classified above
	Storage: Brick, Clay tile, Clay pipe, Pots
	Storage: Cement
	Storage: Concrete block, Tile, Building material
	Storage: Glass, Glass product, Optical or Fibreglass
	Storage: Mineral product - not classified above
	Storage: Plaster/Gypsum Board, Stone products
	Storage: Pottery, China, Earthenware
Storage: Paint, Drug, Asphalt, Chemical, Plastic	
	Storage Property - not classified above
	Storage: Agri chemicals, Fertilisers, Weedkillers
	Storage: Asphalt, Tar, Coal, Briquettes etc
	Storage: Explosives
	Storage: Lawful Drugs, Medicine, Cosmetics/Perfume
	Storage: Miscellaneous and mixed chemical
	Storage: Paint, Varnish, Ink, Wax, Adhesive
	Storage: Photographic film, X-ray film
	Storage: Plastic, Plastic product
Storage: Petroleum Products	
	Storage Property - not classified above
	Storage: Bulk flammable liquids
	Storage: CNG

	Storage: LPG
	Storage: Petroleum Packaged, Plastic, Tins, Bottles
Storage: Textile, Leather, Rubber	
	Storage Property - not classified above
	Storage: Cloth, Yarn
	Storage: Clothing, Finished textiles
	Storage: Cotton (baled)
	Storage: Flax, Hemp, Jute, Sisal, Mixed fibre
	Storage: Leather, Fur, Hair or Animal skin products
	Storage: Rubber, Rubber products
	Storage: Silk, Other natural textiles
	Storage: Wool (baled)
Storage: Wood and Paper	
	Storage Property - not classified above
	Storage: Firewood
	Storage: Logs, Wood chips, Bark, Mulch
	Storage: Paper products, Cartons, Bags
	Storage: Pulp paper
	Storage: Recycled paper
	Storage: Rolled paper
	Storage: Wood products, Wooden components
	Timberyard
Studio, Radio, Film Production	
	Artists studio
	Film production studio
	Radio, TV studio
Supplies and Services	
	Commercial laundry
	Commercial Property - not classified above
	Dry cleaner



	Hotel supply, Restaurant, Hospitality goods
	Laundromat
	Professional supply, Instruments, Equipment
	Property maintenance, pest control etc
	Supplies and services - not classified above
	Trade supply
Unable to Classify	
	Unable to classify
University	
	Education Property - not classified above
	University lecture room, Medical, Dental or Vet school
Utilities and Energy Distribution	
	Pipeline: Flammable liquid
	Pipeline: Gas
	Pipeline: Steam, Hot water
	Primary Industries & Utilities Property - other
	Sub-station, Transformers, Power lines
	Utilities and energy distribution - Other
	Water supplies: Reservoir, Tank, Treatment centre, Pipes
Vacant Building, Construction Site	
	Building under construction
	Building under demolition
	Building under renovation
	Structure under construction
	Structure under demolition
	Structure under renovation
	Vacant building
Vehicle, Boat, Sales Service	
	Boats, Outboards, Chandlery, Marine accessories
	Car, Truck, Bus, Vehicle wash

Commercial Property - not classified above
Marine refuelling
Mechanical repair, Auto-electrician, Paint & Panel
Service station: Private
Service station: Public
Vehicle accessories
Vehicle, Boat sales service - not classified above
Vehicle/Motorcycle/Trailer sales, Farm machinery
Water Area
Beach, Coastal shoreline
Ferry, Marine terminal
Harbour, Inlet
Stormwater drain, Culvert
Stream, River, Canal, Pond, Lake
Water areas - not classified above
Wharf, Jetty, Pier

## Equipment Involved

Equipment Involved		
Group	Equipment Name	Details
Air Conditioning Unit		
	Central air conditioning	
	Dehumidifying air conditioning	Air conditioning unit designed to dehumidify.
	Fixed air conditioning	Fixed, Stationary air conditioning unit
	Portable air conditioning	
Arc and Oil Lamp		
	Arc lamp	
	Arc lighting motion projector	
	Gas mantle	
	Lantern for recreational use	

	Oil lamp	
Barbecue, Open Fire Grill		
	Barbecue grill: Electric	
	Barbecue grill: Gas fuelled	
	Barbecue grill: Solid fuelled	
	Brazier	
	Charcoal grill	
	Power device - portable gas cylinder	Portable gas cylinders, inc. CNG or LPG.
Battery Related Fire		
	Battery charger/transformer, conditioner or small power banks	for charging small devices like phones
	Battery Dry cell disposable (e.g. single use batteries)	
	Battery Dry cell rechargeable (e.g. Lithium Ion or NiCad)	e.g. Lithium ion and typically used in phones, laptops, power tools, toys etc
	Battery Energy storage system (e.g. solar or mains storage for buildings)	typically used to supplement electricity supplies of buildings
	Battery powered devices – other	
	Battery powered transportation (e.g. electric vehicle, scooter, bike etc)	e-bikes, e-scooters, cars, trucks, motorbikes, mobility scooters etc
	Battery Wet cell (e.g. 12v lead acid car battery)	
	Power device - battery/batteries	Discontinued on 1/1/2020
Bearing and Brakes		
	Brake bearings	
	Brakes	
Casting, Moulding, Forging Equipment		
	Dye casting machine	
	Forging equipment	
	Glass forming machine	
	Moulding machine	
Central Heating Unit		
	Central air conditioning	

	Electric central heating unit	Electric central heating unit
	Gas central heating unit	
	Oil or diesel fuel central heating unit	
Chemical Processing Equipment		
	Digester chemical processing equipment	
	Distilling chemical processing equipment	
	Reactor chemical processing equipment	
Coating Machinery		
	Electro-plating machine	
	Machine:Asphalt saturator, Bitumen or Paving spray	
	Plastic wrapping/vacuum packaging machine	
	Rubber spreading machine	
Conveyor or Escalator		
	Conveyer	
	Conveyer, Escalator - not classified above	
	Escalator	
Cooking Warming Unit: Portable		
	Portable bread maker	
	Portable camp stove: Electric	
	Portable camp stove: Gas fuelled	
	Portable cooking warming unit - Other	
	Portable corn popper	
	Portable crepe maker	
	Portable crock pot: Electric	
	Portable food dehydrator	
	Portable hot plate, electric frying pan	
	Portable mini oven: Electric	
	Portable pie warmer	

	Portable toasted sandwich maker	
	Portable toaster: Electric	
	Portable toaster: Gas fuelled	
	Portable waffle iron (electric),	
	Power device - portable gas cylinder	Portable gas cylinders, inc. CNG or LPG.
Cord, Plug		
	Christmas tree wiring	
	Cord on appliance	
	Cord on portable lamp	
	Extension cord properly used	
	Extension cord used in place of permanent wiring	
	Multi box plug	
	Plug (not a wall socket)	
Dryer		
	Clothes dryer: Commercial	
	Clothes dryer: Residential	
	Drycleaning machine	
	Hair dryer	
	Hand dryer: Air, Towel	
Electronic Office Equipment		
	Battery powered devices – other	
	Calculator, Adding machine	
	Computer disk drive or CPU	
	Computer keyboard	
	Computer laptops	
	Computer monitor	
	Computer printer	
	Computer tablet devices	
	Electric typewriter, Word processor	
	Fax machine	
	Paper shredder	

	Photocopier	
Fat Fryer: Deep		
	Electric deep fat fryer	
	LPG deep fat fryer	
	Mains gas deep fat fryer	
	Portable electric deep fat fryer	
Flame torch and Welder		
	Arc welder	
	Bunsen burner	
	Cutting torch	
	Plumbers torch	
	Power device - portable gas cylinder	Portable gas cylinders, inc. CNG or LPG.
	Weed burner	
	Welding torch	
Floor Care Equipment		
	Carpet shampoo machine	
	Floor polisher	
	Floor sanding machine	
	Vacuum (built in) cleaner	
	Vacuum cleaner (dry)	
	Vacuum cleaner (wet + dry)	
Food Warming Appliance: Fixed		
	Coffee maker, Cappuccino	
	Coffee urn, Fixed food warmer	
	Steam table, Bain-marie	
	Warming drawer	Not an oven
Garden and Yard Maintenance Equipment		
	Battery powered devices – other	
	Electric fence unit	
	Hedge trimmer: electric	
	Hedge trimmer: petrol	

	Lawnmower: electric	
	Lawnmower: petrol	
	Weed eater	
Heat Appliances: Portable Controlled		
	Clothing iron	
	Electric blanket	
	Jug or kettle	
	Portable controlled heat appliance - Other	
	Power device - portable gas cylinder	Portable gas cylinders, inc. CNG or LPG.
	Soldering iron	
	Waterbed heater pad	
Heat Treating Equipment		
	Furnace heat treating	
	Quench tank	
	Steriliser	
Heater: Portable		
	Portable electric convector heater	
	Portable electric fan heater	
	Portable electric oil-filled column heater	
	Portable electric radiant bar heater	
	Portable electric space heater	
	Portable gas fuelled heater	
	Portable heater - not classified above	
	Portable kerosene or oil heater	
	Portable LPG heater	
	Power device - portable gas cylinder	Portable gas cylinders, inc. CNG or LPG.
Heating Unit: Fixed, Stationary		
	Bathroom towel rail - wall mounted heater	
	Central air conditioning	

	Electric convector - wall mounted heater	
	Electric fan wall mounted heater	
	Electric panel wall mounted heater	
	Electric radiant bar - wall mounted heater	
	Fixed stationary heating unit - Other	
	Floor heating unit (electric thermo floor)	
	Heater lamp (electric)	
	LPG wall mounted heater	
	Mains gas supply wall mounted heater	
	Night store heater (electric)	
	Solid fuelled central heating unit (Fireplace)	Includes Log burners
	Space heater (electric)	
Incinerator		
	Incinerator: Commercial	
	Incinerator: Residential	
Kitchen Appliance: Food processing		
	Electric can opener	
	Electric knife	
	Food mixer, Beater	
	Food processor, Whizz	
	Waste disposer	
Lighting Fixture, Lamp, Bulb		
	Fluorescent light fixture	
	Fluorescent Light, Compact (Energy Saver)	
	Fluorescent tube/bulb (incl Sodium bulb)	
	Halogen bulb/light	Halogen bulb or light.
	Incandescent heat lamp	
	Incandescent light bulb	



	Incandescent light fixture	
	Inside light sign	
	Lamp holder	
	LED lighting	LED lighting
	Outside light sign	
Meter, Meter Box		
	Meter	
	Meter mounting equipment	
	Smart Meter	
Motor, Generator		
	Automatic garage door opener	
	Electric motor: Over 1 hp	
	Electric motor: Up to 1 hp	
	Elevator, Lift motor	
	Escalator motor	
	Generator	
	Travelator	
No Equipment Involved		
	Information not recorded	
	No Equipment Involved in Ignition	Use this if there was no equipment involved in the fire ignition.
Oven, Furnace, Kiln: Not food		
	Evaporator	
	Furnace	
	Kiln	
	Oven (not for food)	
	Oven, Furnace, Kiln - not classified above	
Oven: Fixed or Stationary		
	Microwave oven	
	Oven: Electric (fixed or stationary)	
	Oven: Liquid fuelled (fixed or stationary)	

	Oven: LPG (fixed or stationary)	
	Oven: Mains gas (fixed or stationary)	
	Oven: Rotisserie (fixed or stationary)	
	Oven: Solid fuelled, coal, wood (stationary)	
Painting Equipment		
	Flow coating, Coating of colour steel	
	Paint dipping	
	Paint drying oven	
	Paint spraying	
	Paint stripper (flame/gas powered)	
	Paint stripper (hot air)	
Portable Appliance: Clock, Fan, Radio		
	Battery powered devices – other	
	Clock, Clock radio	
	Portable fan: Electric	
	Razor, Shaver	
Power Switch Gear, Over Current Protection Device		
	Battery powered devices – other	
	Distribution board circuit breaker	
	Distribution board fuse type	
	Fuse	
	Industrial control switch	
	Main switch	
	Power device - not classified above	
	UPS (Uninterruptible Power Supply) & similar equip	Uninterruptible Power Supplies and similar equipment.
Power Tool		
	Band saw	
	Battery powered devices – other	
	Bench saw	
	Chainsaw	

	Jigsaw
	Ripping saw, Saw bench
	Skill saw
Power Transfer Equipment	
	Battery powered devices – other
	Power Plinth
	Power transfer equipment - not classified above
	Power Transfer: belts
	Power transfer: blocks
	Power transfer: cable
	Power transfer: wire rope
	Solar Panel
Press	
	Mechanical press
	Printing press
Rectifier and Charger	
	Battery charger
	Charger: Inverter
	Charger: Rectifier
Refrigeration Equipment	
	Cold store reffridgeration
	Freezer: Commercial
	Freezer: Residential
	Fridge/freezer
	Fridge: Commercial
	Fridge: Residential
	General reffridgeration, Water cooling devices
Specialised Electronic Equipment	
	Anaesthetizing machine
	Battery powered devices – other
	Exchange equipment

	Haemodialysis machine
	Radar
	Specialised electronic equipment - Other
	Telephone: Cellular
	Telephone: Cordless
	Telephone: Fixed wire
	Transmitter equipment
	X-ray
Stove, Cook Top Unit, Range Top	
	Stove: Electric cook, Range top
	Stove: Gas cook, Range top
	Stove: Liquid fuelled cook, Range top
	Stove: LPG cook, Range top
	Stove: Solid fuelled cook, Range top
Switch, Socket	
	Wall type socket, Light switch, Wall switch
	Wall type switch/outlet/powerpoint/plug (fixed)
Tar Pot and Tar Kettle	
	Tar kettle
	Tar pot
Television, Radio, Music System	
	Amplifiers for sound and musical instruments
	Battery powered devices – other
	Decoding receiver eg Sky, Saturn Cable
	Karaoke machine
	Portable cassette, CD/DVD player, Electronic games
	Radio
	Record player

	Stereo system, Home music centre	
	Tape recorder	
	Television	
	Video player	
Tools: Working, Shaping and Machinery		
	Drill	
	Grinding equipment	
	Knitting machine	
	Lathe	
	Loom	
	Machining equipment	
	Milling machine	
	Planing equipment	
	Saw	Excludes: Power saw
	Weaving machine	
	Working, Shaping, Machinery - not classified above	
Transformer and Associated Equipment		
	Battery powered devices – other	
	Transformer: Control type, Solenoid, Starter	
	Transformer: Distribution type	
	Transformer: Low voltage	Not more than 50 volts
	Transformers & associated equipment - Other	
	Transformers: Associated circuit breakers	
	UPS (Uninterruptible Power Supply) & similar equip	Uninterruptible Power Supplies and similar equipment.
Unable to Classify		
	Information not recorded	
	Unable to classify	
Vehicle Part, Pump, Compressor		

Coil	
Compressor	
Distributor	
Exhaust system	
Fan belt	
Power device - portable gas cylinder	Portable gas cylinders, inc. CNG or LPG.
Pump	
Solenoid	
Spark plug	
Transmission equipment	
Vehicle electrical equipment	
Vehicle engine	
Vehicle fuel system	
Vehicle part, Pump, Compressor - Other	
Wheel, Tyre	
Vending Machine	
Cigarette/Confectionery/Can vending machine	
Drink dispenser, Drinking fountain	
Vending machine - not classified above	
Washing Machine	
Clothes washing machine: Commercial	
Clothes washing machine: Residential	
Dishwashing machine: Commercial	
Dishwashing machine: Residential	
Industrial cleaning machine	
Washing machine - not classified above	
Waste Recovery Equipment	
Recycling equipment	

Solvent recovery equipment

Water Heater

Electric water heater

Gas fuelled water heater

Oil or diesel fuel water heater

Power device - portable gas cylinder      Portable gas cylinders, inc. CNG or  
LPG.

Solid fuelled water heater

Spa pool water heater (electric)

Spa pool water heater (gas fuelled)

Water heater - not classified above