



Province of Manitoba

Fire Reporting

Manual

Office of the Fire Commissioner

Revised January 2015

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PART I

GENERAL INSTRUCTIONS

PART I

REPORT FORMS: All fire departments are required to complete a fire report. The original copy is to be forwarded to the Office of the Fire Commissioner in Winnipeg within one week of the time the fire occurred.

The insurance adjuster is not required to complete a fire report form but rather a preliminary report with loss estimates, 7 days following the month in which the fire occurred. Upon completion of the claim, a second copy must be completed including details of the claim paid.

INCIDENT NUMBER: Is to be left blank and for the use of the Fire Commissioner's Office only.

INVESTIGATION FILES NUMBER: Is to be left blank and for the use of the Fire Commissioner's Office only.

PART II & III

BUILDING AND CAUSE CLASSIFICATION: All classifications under this item are described in detail in the Fire Report Manual, both by alphabetical indexes where possible and by code classification.

For detailed information on classifications, check the manual under the appropriate headings.

Complete the numerical coding using the detail provided in the manual.

DATE OF SIGNATURE: Indicate date report is submitted. Signature should be that of person submitting report. Include telephone number where reporting person may be reached.

FINAL CUT-OFF DATE FOR FIRE LOSS REPORTING: The cut-off date for reporting fire losses on a calendar year basis is **February 1st.** (MB.).

Reports of fires received after February 1st which occurred in the previous year, will be added to that year however the information may not be reflected onto the corresponding Annual Report.

DEFINITIONS

FIRE

Fire is an instance of destructive and uncontrolled burning, including scorch burns and explosions of combustible solids, liquids or gases. It does not include the following, *except where they cause fire or occur as a consequence of fire*:

- a. Explosions of steam boilers, hot water tanks or other pressure vessels due to internal pressure and not to internal combustion;
- b. Explosions of ammunition or other detonating material

The Fires Prevention and Emergency Response Act mandate that a local assistant must report:

- All uncontrolled fires involving a structure, vehicle, or outdoor property.
- All fire (controlled/uncontrolled) that violates bi-law regulations

A fire report will also be required for incidents that would result in a fire insurance claim.

EXPOSURE FIRE

An exposure fire is one which occurs as a direct consequence from another separate fire. There are two types of exposures:

Single owner/property exposure – occurs when the exposure is within the same property and structures/objects are owned by the same person. For example a detached garage fire that extends to the main house will only require one main report.

Multiple owner/property exposure – occurs when a fire extends from one property onto another or onto a structure/object belonging to a separate owner. In this case a main report is required along with separate exposure reports for the other structure/objects involved.

CHILD

A person that is apparently or actually under the age of 12

YOUTH

A person that is between the ages of 12-17

ADULT

A person that is between the ages of 18-54

SENIOR

A person that is the age of 55 or over

**EXCERPTS FROM THE FIRES
PREVENTION AND EMERGENCY RESPONSE ACT**

LOCAL AUTHORITIES AND LOCAL ASSISTANTS

Local assistant must give immediate notice

- 24 A local assistant must immediately notify
- (a) the fire commissioner and the police if
 - (i) a person dies or is seriously injured because of a fire, or
 - (ii) the local assistant believes that a fire might be incendiary or is of suspicious origin;and
 - (b) the fire commissioner if
 - (i) an explosion causes injury to a person or damage to property,
 - (ii) the local assistant cannot determine the cause, origin or circumstances of a fire, or requires the assistance of the fire commissioner to conduct the fire investigation, or
 - (iii) in the opinion of the local assistant, a fire results in a significant loss to the local authority or its residents.

Local assistant to investigate fires and report

25(1) Unless otherwise directed by the fire commissioner, a local assistant who becomes aware of a fire within his or her local authority must investigate its cause, origin and circumstances and report to the fire commissioner.

Report in approved form to be made within 14 days

25(2) A report under subsection (1) must be in an approved form and must be filed with the fire commissioner within 14 days after the fire comes to the local assistant's attention.

Annual report re emergency response resources

26(1) A local authority must annually file a report with the fire commissioner containing information required by the fire commissioner about emergency response resources in the local authority.

Person responsible for ensuring report is filed

26(2) The following persons must ensure that the annual report is filed with the fire commissioner:

- (a) in the case of a municipality, its chief administrative officer;
- (b) in the case of a community incorporated under *The Northern Affairs Act*, its community administrative officer;
- (c) in the case of an area in Northern Manitoba that is designated as a community under *The Northern Affairs Act*, the person designated by the minister responsible for the administration of that Act;
- (d) in the case of a local government district, its resident administrator.

INSURERS AND ADJUSTERS

Definitions

29(1) In this section, "**adjuster**" and "**licence**" have the same meaning as in section 1 of *The Insurance Act*.

Immediate report

29(2) An insurer or adjuster who has information indicating that a fire is or might be incendiary or of suspicious origin must immediately

- (a) report that information to the fire commissioner; and
- (b) give the fire commissioner, on request,
 - (i) any information the insurer or adjuster has about the owner or occupant of the land or premises where the fire occurred, and the use or occupancy of that land or premises, and
 - (ii) any report or other information the insurer or adjuster may have, or may have obtained, about the cause, origin and circumstances of the fire.

Monthly report — insurer

29(3) Monthly, an insurer must report to the fire commissioner every fire occurring in the province in which it is interested as insurer.

Monthly report — adjuster

29(4) Monthly, an adjuster engaged in making adjustments of loss or damage by fire must report to the fire commissioner every adjustment he or she made respecting a fire occurring in the province.

Content and filing of report

29(5) A monthly report required under this section must

- (a) be in the approved form;
- (b) contain the information specified by the fire commissioner; and
- (c) be filed with the fire commissioner's office within 10 days after the end of the month to which it relates.

Information in addition to other reports

29(6) Information and reports provided under this section are in addition to any other information or report that the insurer or adjuster is required to make by this Act or another enactment.

INCIDENT INFORMATION

REPORTING AGENCY FILE NUMBER

Fire Department file number or the insurance policy number

DATE AND TIME OF INCIDENT

Date and time of incident refers to the year, month, date, day of the week, and hour of the day, and should be coded as indicated in subsections below.

If the date and time of incident is unknown, code either as 9 or 90, whichever is applicable.

- Year:** 1990 Use four digits of the year.
- Date of Month:** 01-31 Use date.
90 Date of month unknown.
- Day of Week:** 1-7 Use Sunday as 1
9 Day of week unknown
- Statutory Holiday** Indicate Yes or No
- Time of Day:** 00-23 Use the exact hour based on the 24 hour clock.
90 Hour of day unknown.

INCIDENT LOCATION

Data regarding the location of the incident shall be recorded as required by the authority having jurisdiction. Use street addresses where possible for cities, towns and villages. When adding the terms "In Front Of" or "In Rear Of", terms must be placed AFTER the street name unless a separate field specifically for this info is available. Lots, block and plan numbers are helpful if street address is not available. In rural areas list section, township and range where fire occurred.

In all cases indicate municipality where fire occurred. Postal addresses may be different and do not necessarily indicate the municipality where the fire took place. As an example - RM of West St. Paul describes the location of the fire as opposed to RR No. 1 Winnipeg. Also a person's postal address might be Stony Mountain but his property could well be located outside the village limits in RM of Rockwood.

OCCUPANT

Enter occupant's surname and given names. Enter "same address" if occupant lives at the location of fire. If the occupant owns the business enter home address.

Use this heading to record insured persons losses even though they are not personally involved. For example, a claim may be made for losses sustained to personal property lost in a fire involving premises that are not occupied by insured. This might be a fur coat stored in a fur vault or a camera claimed for if destroyed in a fire while in a repair shop.

Identify a business by name. For example, "Major Pratt Collegiate", "Victoria Inn" "Family Food Fare", etc.

If a vehicle, boat or aircraft fire, enter the name(s) and home address(es) of the operator and all occupants. When a grass or rubbish fire enter the name(s) and address(es) of the person(s) who occupy the property on which the fire occurs.

Indicate in the box provided whether or not the property lost by occupant was insured.

OWNER

Enter owner's surname, given name and address.

The owners name is very important as this is the best method of relating various reports that involve one fire incident.

Indicate in the box provided whether or not the property lost by owner is insured.

INSURANCE PARTICULARS

Complete all loss figures to the closest dollar. If figures are not available, estimates are to be provided, to be replaced with final figures when available. Do not use terms such as "actual cash value" to describe insured value, if figure is not available, use estimated figures.

Vehicle fires should be classified as 'Miscellaneous', unless inside a structure. In this case the vehicle would be classified as 'Contents' within a structure.

Do not include as a "fire loss" insurance paid for "business interruption", "rents" or similar payments.

PROPERTY VALUE

Enter the value estimate for the building and contents. Only include values for structures/objects that were affected by the fire. Any vehicles/items found within a structure **WILL BE VALUED AS CONTENTS** within that structure.

ESTIMATE OF LOSS

Loss shall be recorded as the damage caused by the fire. The loss includes damage to property and contents. Such loss shall not exceed the cost of repair and replacement on a like kind and quality basis.

Loss shall only include direct loss caused by fire, including salvage, but not indirect loss due to "use and occupancy" or "business interruption".

CLAIM PAID

Fire Departments do not complete this box.

Enter the name of the claims adjuster, the firm he is employed and the name of the insurance company which holds the policy and policy number.

POLICE INVOLVEMENT

Also indicate if police authorities were involved, type of force and station location.

PART II

PROPERTY DESCRIPTION & FIRE PROTECTION FEATURES

Part II contains sections which are intended to be used together to describe where fires occur.

A restaurant fire in a hotel or a clothing store fire in a shopping plaza are examples which reflect the need to capture two elements of information. If only hotel information is collected, the restaurant data will be lost. Similarly, if only shopping plaza data is collected then clothing store information is lost. The use of two code sections will allow the user to capture both hotel and restaurants in the first example and clothing store and shopping plaza in the second example.

Property Complex refers to the hotel and the shopping plaza in the above examples while Property Classification refers to the restaurant and the department (clothing) store.

PROPERTY COMPLEX

Major Occupancy refers to the overriding (major) use of a building, area etc., under single management having two or more uses. To verify property complex identify what type of land the fire occurred on. (ie: residential land (31), farm land (92), FN reserve (82), etc)

NOTES:

- a) If the building, structure or facility has two or more major uses, none of which is overriding, code under 93.
- b) If the property involved is other than a building structure or facility (eg., vehicle, outside area, classify under 90. EXCEPT where a vehicle or outside area is part of a property complex such as a school yard, farm or first nations property etc., please code accordingly. (eg., garbage container on school property classify under 13, grass or vehicle fire on farm classify under 92).
- c) First Nation code 82 is only applicable to rural reserves. Urban reserves will continue to be coded as the type of area (residential, school, etc.) unless advised otherwise by the Province.

CODES:

10 ASSEMBLY USE

- 11 Auditorium, Theatre, Arena, Cultural Centre
- 12 Amusement Park, Exhibition & Fair Ground, Stadium
- 13 Educational Institution (non-residential)
- 14 Church, Funeral Parlour
- 15 Recreation, Sports Facility, Sports Club, Social Club
- 17 Food or Beverage Establishment

20 INSTITUTIONAL USE

- 21 Prison, Penitentiary, Jail, Detention Centre, Reformatory
- 22 Hospital, Medical Centre, Clinic, Sanatorium

- 30 RESIDENTIAL USE**
 - 31 Residential - row, garden, town housing, condominium
 - 32 Residential - apartment, tenement
 - 33 Hotel, Motel, Lodge, Hostel, Boarding House, Dormitory
 - 34 Residential - single detached
 - 35 Residential - duplex, 3-plex, 4-plex, semi-detached
 - 36 Educational Institution (residential)
 - 37 Camp site/RV park
 - 38 Residential - mobile home/trailer park
 - 39 Residential - with business/mercantile, up to 3 stories

- 40 BUSINESS USE**
 - 41 Office Building

- 50 MERCANTILE USE**
 - 56 Service Station
 - 57 Commercial Centre, Shopping Centre
 - 58 Department Store, Variety Store

- 60 MANUFACTURING USE**
 - 69 Industrial Manufacturing

- 70 STORAGE USE**
 - 71 Grain Elevator
 - 79 Industrial Storage Facility, Bulk Storage Tanks

- 80 OTHER SPECIAL USE**
 - 81 Parks (Federal, Provincial or City) (includes historic items)
 - 82 First Nations Community
 - 83 Motor Vehicle Transportation Use (includes bus terminal)
 - 84 Harbour, Waterfront Property, Marine Terminal
 - 85 Railway Terminal, Yard (excludes Subway)
 - 86 Car Park
 - 87 Air Transportation Use
 - 88 Subway
 - 89 Military Base
 - 91 Laboratory
 - 92 Farm, Agricultural Use
 - 93 Multiple Use (no overriding use)
 - 94 Utility
 - 96 Mine
 - 97 Communications
 - 98 Nucleonic Complex
 - 90 Not applicable

- 99 MISCELLANEOUS UNKNOWN**
 - 00 Undetermined
 - 99 Building/Structure unclassified

PROPERTY COMPLEX - ALPHABETIC

<u>DESCRIPTION</u>	<u>CODES</u>
Air Terminal, Airport.....	87
Amusement park, Exhibition or Fair Ground, Stadium.....	12
Apartment (see Residential).....	
Auditorium, Theatre, Arena, Cultural Centre.....	11
Bus Terminal.....	83
Campsite, Trailer Park.....	37
Car Park.....	86
Church, Funeral Parlour.....	14
Communications.....	97
Commercial Centre, Shopping Centre.....	57
Department Store, Variety Store.....	58
Education Institution (Residential).....	36
Education Institution (Non-Residential).....	13
Farm.....	92
Food or Beverage Establishment.....	17
First Nations Community; Building, Structure or Facility (excl Urban Reserves).....	82
Grain Elevator.....	71
Harbour, Waterfront Property, Marine Terminal.....	84
Hospital, Medical Centre, Clinic, Sanatorium.....	22
Hotel, Motel, Lodge, Hostel, Boarding House, Dormitory (eg., YM/YWCA).....	33
Industrial Storage Facility, Bulk Storage Tanks (excludes Grain Elevator classified under 71).....	79
Laboratory.....	91
Industrial Mfg.	69
Mine.....	96
Multiple Use (no overriding use).....	93
Nucleonic Site.....	98
Office Building.....	41
Park, Federal or Provincial.....	81
Park, City.....	82

DESCRIPTION

CODES

Prison, Penitentiary, Jail, Detention Centre, Reformatory21

Railway Terminal Yard, Terminal (excludes subway classified under 88)

Recreation, Sports Facility, Sports Club, Social Club15

Residential: Apartment, Tenement32

Residential: Row, Garden, Town Housing31

Residential: Duplex, 3-Plex, 4-Plex, Semi Detached35

Residential: First Nations Community.....38

Residential: Single Detached34

Residential With Business, Up to 3 Stories39

Subway.....88

Unclassified.....99

Unknown.....00

Utility94

PROPERTY CLASSIFICATION

The term "property" under this classification denotes the type of use made of the area within a building, structure or other facility where the fire occurred. If two or more properties with different owners are involved in a fire, two reports will be required. The property classification on the main report will reflect where the fire originated. On the exposure report the property classification will indicate the second item affected. Any item found within a structure (including vehicles) will be considered as contents; therefore only one report is required whether or not different owners are involved.

If an exposure fire involves structures or items associated to one owner and one address, only one report is required. In this case the property classification would reflect the item that would have the potential for greater loss whether or not it sustained the most fire damage.

The tabulation of the fire loss data using Property Classification will reveal the risk factors associated with the different types of properties.

Simply, property classification will indicate what are you reporting was on fire. Was it solely a garage or was it a house from a garage?

NUMERIC CODES

100 ASSEMBLY

Property for the gathering of persons for civic, political, travel, religious, social education or recreational purposes. Such property is characterized by the presence or potential presence of crowds, with attendant panic hazard.

110 THEATRE, STUDIO, AUDITORIUM

- 111 Theatre, Legitimate - Includes combined live and movie
- 112 Theatre, Motion Picture - Excludes drive-in theatre
- 113 Theatre, Drive-In Motion Picture
- 114 Auditorium, Concert Hall
- 115 Radio, Television Studio
- 116 Motion, Picture Studio - Excludes film processing
- 119 Theatre, Studio, Auditorium - unclassified or unknown

120 AMUSEMENT, RECREATION PLACE (EXCLUDING SOCIAL, SPORT CLUBS)

- 121 Bowling Alley
- 122 Billiard Centre, Pool Hall
- 123 Ice Rink (outdoor)
- 124 Amusement Centre - Includes amusement hall, such as shooting gallery, video arcade bingo hall, exhibition stand, fair stand, dance studio. Excludes bowling establishment, billiard centre classified under 121 and 122 respectively.
- 125 Swimming Facility
- 126 Ballroom, Gymnasium - Includes dance hall, community hall
- 127 Exhibition Hall, Exposition Hall - Includes general use large open hall without fixed seating facilities, armoury.

- 128 Arena, Curling Rink, Stadium, Amusement/Entertainment Tent
- 129 Amusement, Recreation Place - unclassified or unknown

130 SCHOOL, COLLEGE, UNIVERSITY

When a school, college or university building also contains dormitories and other residential occupancies, classify under group 360.

- 131 Nursery, Kindergarten, Pre-Kindergarten
- 132 Elementary School - Includes combined kindergarten/elementary
- 133 High School - Includes combined senior, intermediate and junior high; and combined high/elementary.
- 135 Industrial Trade School, Technical School
- 136 Business, Secretarial, Commercial School
- 137 Rehabilitation School - attendance by choice
- 138 College, University
- 139 School, College, University - unclassified or unknown

140 CHURCH, FUNERAL PARLOUR

- 141 Church, Chapel
- 143 Church Hall - Includes halls for fellowship meeting and offices, kitchens and classrooms contained within the structure.
- 144 Funeral Parlour - Includes crematorium and undertaking premises
- 149 Church, Funeral Parlour - unclassified

150 SOCIAL, SPORTS CLUB

- 151 Club in Physical Recreation Complex, Community Club, Playground Building - Includes city club facilities without sleeping accommodation, such as athletic, lodge, social steam bathing, health, boys and girls clubs.
- 152 Country Club - Includes country club facilities such as golf, tennis, raffle, hunting, fishing, beach and riding clubs.
- 153 Yacht Club - Includes boating and club facilities. Excludes marina and boat mooring, repairing and refueling facilities classified under 785, 682 and 577, respectively.
- 159 Social, Sports Club - unclassified or unknown

160 LIBRARY, MUSEUM, ART GALLERY

- 161 Library
- 162 Museum - Exclude if contained in a historic building (164)
- 163 Art Gallery
- 164 Historic Building
- 165 Monument, Memorial Building
- 169 Library, Museum, Art Gallery - unclassified or unknown

170 FOOD OR BEVERAGE ESTABLISHMENT

Excludes establishment serving food or beverages for consumption off the premises classified under group 510.

- 171 Restaurant - Includes eating places specializing in food primarily for consumption on the premises, such as cafeteria, café, diner with tables or automatic service.

- 172 Nightclub - Includes places specializing in food and drink, but may have dancing or entertainment, and key clubs and supper clubs.
- 173 Tavern - Includes places specializing in the sale of alcoholic beverages for consumption primarily on premises, with food as a minor supplement only.
- 174 Lunchroom, Drive-In Restaurant - Includes places specializing in quick service for food, or beverages, such as lunch counter, drive-in food or beverage establishment.
- 179 Food or Beverage Establishment - unclassified or unknown

180 PASSENGER TERMINAL, STATION

Includes incidental freight handling.

- 181 Airport Passenger Terminal
- 182 Heliport, Helistop Passenger Terminal
- 183 Bus Terminal - Includes terminal for airlines, limousine and downtown airline terminal building.
- 184 Railway Station
- 185 Subway Station
- 186 Elevated Station
- 187 Marine Passenger Terminal
- 189 Passenger Terminal, Station - unclassified or unknown

190 MISCELLANEOUS

- 191 Court Room
- 192 Legislative Hall
- 199 Assemblies Miscellaneous - unclassified or unknown

200 INSTITUTIONAL

Property for medical treatment, or care of persons suffering from illness, disease or infirmity, for the care of infants, convalescents or aged persons and for penal or corrective purposes. Institutional buildings ordinarily provide sleeping facilities for the occupants, and are principally used by persons whose actions are restrained.

210 PENITENTIARY, CORRECTIONAL FACILITY, REFORMATORY

- 211 Penitentiary - in cell blocks
- 212 Penitentiary - outside of cell blocks
- 213 Correctional Facility
- 214 Reformatory, Juvenile Detention Home
- 215 Detention Facility
- 216 Vocational Rehabilitation Centre - attendance by direction
- 217 Police Station - building with or without lock-up facility
- 219 Penitentiary, Correctional Facility, Reformatory - unclassified or unknown

220 HOME FOR AGED

- 221 Home for Aged - with nursing staff
- 222 Home for Aged - without nursing staff
- 229 Home for Aged - unclassified or unknown

230 CHILD CARE

- 231 Childrens' Home, Orphanage

- 233 Childrens' Day Centre - care of pre-school age children
- 239 Child Care - unclassified or unknown

240 HOSPITAL, SANATORIUM, CLINIC

- 241 Hospital - general
- 242 Sanatorium, Sanitarium, Nursing or Convalescent Home
- 243 Institution of the Blind, Deaf or Dumb
- 244 Mental Hospital - Used solely for treatment of mental patients, otherwise classify under 241.
- 245 Clinic, Nursing Station - Excludes medical office building classified under 414
- 246 Child-Care Hospital - used solely for the treatment of children
- 249 Hospital, Sanatorium, Clinic - unclassified or unknown

290 MISCELLANEOUS INSTITUTIONAL

- 291 Shelter for battered persons
- 292 Half-Way Home, Correctional
- 293 Half-Way Home, Medical
- 299 Institutional Occupancies - unclassified or unknown

300 RESIDENTIAL

Property in which sleeping accommodation is provided for normal residential purposes. Includes all buildings designed to provide sleeping accommodation except those classified under institutional. Subdivisions in this category are divided according to life hazard potential. Names and legal definitions may be different from those given here, but the categories have a significant difference from a fire and life protection standpoint. Properties to be classified by actual use and not by what the property owner calls them. Thus a "motel" on a sign may be a hotel, an apartment, or a rooming house, depending upon the use.

310 ONE & TWO-FAMILY DWELLINGS

Private dwelling occupied by members of one or two families with rooms rented to not more than three outsiders. If a business or other occupancy is contained in the building, classify under 321. Parking garages for one and two family dwellings whether attached, detached, are classified under 781.

- 311 Year-Round Use Dwelling - 1-family
- 312 Seasonal Use Dwelling - in season, 1-family
Includes summer cottage.
- 313 Seasonal Use Dwelling - off season, 1-family
- 314 Year-Round Use Dwelling - 2-family
- 315 Seasonal Use Dwelling - in season, 2-family
- 316 Seasonal Use Dwelling - off season, 2-family
- 317 Farm Dwelling - 1-family
- 318 Farm Dwelling - 2-family
- 319 One & Two-Family Dwelling - unclassified or unknown

320 APARTMENT, TENEMENT, FLAT, TOWNHOUSE, CONDOMINIUM

Property providing living quarters for families living independent of each other with independent cooking facilities, whether designated as apartment houses, tenements, garden apartments, townhouses, rowhouses, or by other names. Apartment hotels shall be classified under Group 340 because they are potentially subject to transient occupancy like that of hotels.

- 321 Apartment, Tenement, Flat - 1 or 2 units with business
- 322 Apartment, Tenement, Flat - 1 or 2 units without business
- 323 Apartment, Tenement, Flat - 3 to 20 units with business
- 324 Apartment, Tenement, Flat - 3 to 20 units without business
- 325 Apartment, Tenement, Flat - over 20 units with or w/o business
- 329 Apartment, Tenement, Flat - unclassified or unknown

330 ROOMING, BOARDING, LODGING HOUSE, HOSTEL

Property under one management in which separate sleeping rooms are rented for a total of not more than 15 persons, on either a transient or permanent basis, with or without meals, but without separate cooking facilities for individual occupants. When rooms are rented for not more than three persons, classify under Group 310, for over 15 persons, classify under Group 340.

- 331 Rooming, Boarding, Lodging House - 4 to 8 roomers or boarders
- 332 Rooming, Boarding, Lodging House - 9 to 15 roomers or boarders
- 333 Hostel - transient & dormitory - 1 - 15 roomers or boarders
- 334 Bed and Breakfast - 1 -15 roomers or boarders
- 339 Rooming, Boarding, Lodging House - unclassified or unknown

340 HOTEL, INN, LODGE (interior entry only to individual units)

Property under one management in which there is sleeping accommodation for hire for more than 15 persons, primarily used by transients who are lodged with or without meals, whether designated as a hotel, inn, club or other similar occupancy. Apartment hotels shall be classified as hotels because they are potentially subject to transient occupancy like that of hotels. For buildings with exterior entry to all individual units, and with a maximum of 4 storeys, classify under Group 350. For less than 15 persons, classify under Group 330.

- 341 Hotel, Inn, Lodge - year round use
- 342 Hotel, Inn, Lodge - seasonal use, in season
- 343 Hotel, Inn, Lodge - seasonal use, off season
- 344 Hostels - transient dormitory type 15 and over roomers or borders
- 345 Bed and Breakfast - 15 and over roomers or boarders
- 349 Hotel, Inn, Lodge - unclassified or unknown

350 MOTOR HOTEL, MOTEL (exterior entry only to all individual units)

Property or group of buildings under one management of 4 storeys or less, with direct exterior entry to each unit and no interior entry, primarily used by transients who are lodged with or without meals, whether designated as a hotel, inn, club, motel, tourist cabin, or any other related occupancy.

- 351 Motor Hotel, Motel - fewer than 3 units, Includes tourist cabin
- 352 Motor Hotel, Motel - 3 to 20 units
- 353 Motor Hotel, Motel - over 20 units
- 359 Motor Hotel, Motel - unclassified or unknown

360 DORMITORY

Building where sleeping accommodation is provided over an extended period for persons not members of the same family group, in one room or in a series of closely associated rooms under joint occupancy and single management, with or without meals.

- 361 School, College or University Dormitory
- 362 Sorority or Social Club Fraternity
- 363 Nurses' Residence
- 364 Military Barracks
- 365 Convent, Monastery or Other Religious Dormitories
- 366 Bunkhouse & Workers' Barracks
- 369 Dormitory - unclassified or unknown

370 MOBILE HOME, TRAILER

A mobile home is a mobile structure designed as a semi-permanent family unit. A travel trailer is a mobile unit designed as a temporary family unit. A camping trailer is a collapsible mobile unit designed as a temporary unit. A motor home is a mobile family unit, permanent or temporary, containing its own motive power.

- 371 Mobile Home - 1 or 2 family units
- 372 Houseboat
- 373 Travel Trailer
- 374 Camping Trailer
- 375 Motor Home
- 376 Truck With Camper
- 377 Tents
- 379 Mobile Home, Trailer - unclassified or unknown

390 MISCELLANEOUS - RESIDENTIAL

- 391 Childrens' Play House
- 399 Residential Miscellaneous - unclassified or unknown

400 BUSINESS & PERSONAL SERVICE

Business and personal service means the occupancy or use of a building or part thereof for the transaction of business or the rendering or receiving of professional or personal services.

410 OFFICE

- 411 General Business Office - Excludes Post Office
- 412 Civic, Federal or Provincial Government Office - Includes local and county government offices. Excludes Post Office classified under 417.
- 413 Bank
- 414 Medical, Health, Research or Scientific Office. Excludes laboratory classified under Group 910.
- 415 Engineering, Architectural & Technical Office - Includes permanent office building of contractor.
- 416 Mailing, Photocopy Company Office - Includes duplicating, blue-printing, photostating, addressing, mailing or stenographic services, compiling and selling classified mailing lists.
- 417 Post Office - Includes all postal handling facilities.

Excludes mail boxes classified under Group 816. Excludes general administrative office building of postal department classified under 412.

- 418 Document Centre, Record Repository - Includes Archives
- 419 Office - unclassified or unknown

420 PERSONAL SERVICE

- 421 Barber or Hairdressing
- 422 Beauty Parlour
- 423 Tanning Salon
- 424 Massage Parlour
- 429 Personal Service Property - unclassified or unknown

430 ELECTRONIC EQUIPMENT

- 431 Computer, Electronic Data Processing Centre
- 432 Electronic Data Records Storage
- 439 Electronic Equipment - unclassified or unknown

490 MISCELLANEOUS - BUSINESS & PERSONAL SERVICES

- 499 Business & Personal Services - unclassified or unknown

500 MERCANTILE

Mercantile property means the occupancy or use of a building or part thereof for the displaying or selling of retail goods, wares or merchandise.

510 FOOD, BEVERAGE SALE

Sale of food and beverages for consumption off the premises. The sale of food and drinks for consumption on the premises is classified under Group 170.

- 511 Supermarket - 1000m² and over Store selling a broad line of food items and some non-food items and covering 1000m² or over in total area.
- 512 Market, Grocery Stores - less than 1000m²
Store selling a broad line of food items and some non-food items and covering less than 1000m² in area.
- 513 Specialty Food Store - Store specializing in a few basic food items with supplementary items for customer convenience, includes meat, fish, candy, bakery, gourmet shop, and roadside farm produce stand and counter.
- 514 Liquor, Beverage Store
- 515 Creamery, Dairy Store - Includes ice cream store stand
- 516 Delicatessen - Store for sale of prepared food mainly for consumption off the premises. Excludes drive-in which is classified under 174.
- 519 Food, Beverage Sale - unclassified or unknown

520 TEXTILE, WEARING APPAREL SALE

- 521 Clothing Store, Sale of Wearing Apparel - New, used or clothing rental shops. Includes sale of accessories incidental to clothing.
Excludes shoe store or fur store classified under 522 and 525 respectively.
- 522 Clothing Accessories, Shoe Store - Includes sales of ties, shoes, hats and related items.
- 525 Fur Store - Excludes fur departments or stores with a broad line of goods classified under 581 and the storage of fur garments classified under 728.

- 526 Fabrics Store - Includes sales of yard goods and piece goods
- 529 Textile, Wearing Apparel Sale - unclassified or unknown

530 FURNITURE, APPLIANCE, ELECTRONIC EQUIPMENT, HARDWARE (SALES OR RENTAL)

- 531 Furniture Store - Includes sales of all new and used furniture, office furniture and large non-desktop type equipment, such as water coolers.
Excludes furniture departments of large multi-departmental store which is classified under 581 and office supply and desk-top office equipment sales classified under 541.
- 532 Appliance Store - Includes associated repair department
Excludes appliance repair shop without sales classified under 562.
- 533 Hardware Store
- 534 Music Store
- 535 Wallpaper, Paint Store
- 536 Rug, Floor Covering Store
- 537 Electronic Equipment - Including computers/software
- 538 Video Rental Store
- 539 Furniture, Appliance, Electronic Equipment, Hardware (Sales or Rental) - unclassified or unknown

540 BOOKS, NEWSPAPERS, DRUGS, JEWELLERY, SPECIALTY SALES

- 541 Book, Stationery store - Includes new and used books, office supplies and desk top equipment.
- 542 Newsstand, Tobacco Shop
- 543 Drug Store - Includes drug store with pharmacist on duty usually during operating hours. Excludes drug store without a pharmacist classified under 582.
- 544 Jewellery Store - Includes repair shops and associated gift sales
- 545 Gift Shop - Excludes jewellery and watch repair (544)
- 546 Leather Goods Shop - Excludes shoes (522)
- 547 Florist Shop, Greenhouse, Nursery
- 548 Optical Goods Sales
- 549 Books, Newspapers, Drugs, Specialty Sales - unclassified or unknown.

550 RECREATION, HOBBY SUPPLIES

- 551 Hobby, Toy Shop - Excludes sporting, photographic (552 and 553)
- 552 Sporting Goods, Bicycle Sales & Repair - Includes sale of firearms, ammunition and tents. Excludes sportswear shop which is classified under 521.
- 553 Photographic Supply Sales, Still Picture Studio - Includes incidental processing. Excludes plant processing of films classified under 697.
- 554 Garden Supply Store

- 555 Lumber, Retail Sales - Includes lumber distribution centres often of the supermarket type, with sale of related home repair supplies. Excludes lumber yards used principally for storage which are classified under 751.
- 556 Pet Store, Animal Hospital - Includes kennels
- 557 Art Supply Sales
- 558 Fire Works Sales - Includes temporary and permanent locations
- 559 Recreation, Hobby Supplies - unclassified or unknown

560 REPAIR SHOP, LAUNDRY, DRY CLEANER

- 561 Furniture, Upholstery Repair Without Sales
- 562 Appliance Repair Shop - Excludes repair with sales (532)
- 563 Laundry - self-serve
- 564 Laundry, Dry Cleaner - Includes shops for the pick-up and drop off of laundry and dry cleaning with little or no processing on the premises. If processing is done on the premises, classify under 596.
- 565 Shoe Repair Shop
- 566 Home Maintenance Service
- 567 General Maintenance Shop
- 568 Tailor, Dressmaking Shop
- 569 Repair Shop, Laundry, Dry Cleaner - unclassified or unknown

570 MOTOR VEHICLES, BOAT, SALE & SERVICE

- 571 Public Service Station - Includes fuel service facilities such as gasoline, diesel fuel and LP gas dispensing with associated lubrication and facilities. Excludes marine service stations classified under 577.
- 572 Private Service Station - Includes private or fleet vehicle refueling where an employee fuels vehicle himself, such as transit company garages, trucking company yards or farms.
- 573 Motor Vehicle Repair Garage, Vehicle Paint Shop - Excludes car wash, classified under 578.
- 574 Motor Vehicle & Trailer Sales - Includes farm implements.
- 575 Motor Vehicle Accessory Sales
- 576 Boat, Pleasure Craft Sales - Excludes marinas or boat repair yards classified under 785 and 682 respectively.
- 577 Marine Service Station, Refueling Station, Float Base Service
- 578 Car Wash Facility
- 579 Motor Vehicles, Boat, Sale & Service - unclassified or unknown

580 DEPARTMENT, VARIETY STORE

Store selling a wide range of items.

- 581 Department Store With Furniture Department
Department stores have many separate lines of goods, but to be classified here, the store must have a furniture department.
- 582 Small Variety Store - under 1000m², no furniture department
Includes stores of 1000m² or less in area with a wide range of goods but no furniture department, "drug store" without a pharmacist, second hand or surplus stores.
- 583 Large Variety Store - 1000m² or over, no furniture department

Includes stores of 1000m² or over in area with a wide range of goods, but no furniture department.

- 584 Mail Order Store, Catalogue Store - Includes display areas regardless of size. Classify under 581 when the mail order section is a small section of a large store.
- 585 Mall - Includes only the public area common to the facility
- 589 Department, Variety Store - unclassified or unknown

590 MISCELLANEOUS

- 591 Professional Supply Sales - Includes sales of stethoscopes, hospital supplies, special tools, engineering instruments, and other professional supplies.
- 592 Trade Supply Sales - Includes sale of machinist supplies, plumber's tools, carpentry equipment.
- 593 Builder's Supply Sales
- 594 Restaurant Supplies & Services
- 599 Mercantile Miscellaneous - unclassified or unknown

600 INDUSTRIAL MANUFACTURING PROPERTIES

Property where raw materials are transformed into new products and the assembly of component parts of manufactured products is considered industrial except in cases where the activity is obviously more appropriately classified elsewhere, such as processing, assembling, mixing, packaging, finishing or decorating, repairing, and similar operations are included. Storage operations concerned with Commercial & Industrial Manufacturing Properties are included in Group 700.

610 CHEMICAL, PETROLEUM, PAINT, PLASTIC - MANUFACTURING/PROCESSING

- 611 Basic Industrial Chemicals - Includes industrial gases. Excludes all monomers and plastics.
- 612 Hazardous Chemicals - Includes chemicals requiring special handling in the manufacture, shipment, storage or use, such as explosives, blasting agents, fireworks, matches, rocket fuels, pyroxylin (cellulose nitrate) plastics, hazardous monomers, organic peroxides. Excludes the handling of products from atomic fission and fusion classified under Group 980.
- 613 Plastic Material Manufacture - Includes basic materials plastics, synthetic resins, synthetic adhesive, plastic and elastomers. Excludes those included in 612.
- 614 Plastic Products Manufacture - Includes making of all plastic products such as housings, enclosures, covers, linings, machine parts, molding and extruding.
- 615 Paints, Varnishes, Lacquers, Inks, Waxes, Adhesives Manufacture
- 616 Drugs, Cosmetics, Pharmaceuticals Manufacture
- 617 Petroleum Refineries - Includes petroleum and petroleum products from coal and other materials and blending of lubricating oils and greases, manufacture of petrochemicals, and includes refinery tankage.
- 618 Asphalt, Coal Products - Includes asphalt paving, roofing material, fuel briquettes, packaged fuels and the distillation of coal in coke ovens not associated with the manufacture of pig iron or the manufacture and

distribution of coal gases. Excludes coke ovens in iron and steel works classified under 631, and gas works classified under 943.

619 Chemicals, Petroleum, Paints, Plastics - unclassified or unknown

620 WOOD, FURNITURE, PAPER, PRINTING

621 Sawmill, Planing Mill, Wood Products Mill - Includes the manufacture of lumber products, wooden building materials, prefabricated parts and structures, cooperage and other wood stock, veneers, plywood, and excelsior. Included is the preservation of wood, sawmills and planing mills, whether or not mobile or operated in the forest. The hewing and rough shaping of poles and other wood materials is classified under 757.

622 Wooden, Cane Containers, Small Cane Manufacture - Includes the manufacture of boxes, crates, drums, barrels and other wooden containers, baskets and other rattan, reed or willow containers, and small ware made entirely or mainly of rattan, reed, willow or other cane.

623 Wood, Cork Products Manufacture - Excludes containers
Includes the manufacture of products of wood, cork, and small ware consisting wholly or mainly of wood.

624 Furniture, Fixture, Bedding Manufacture - Includes the manufacture of household, office, restaurant, public building, and professional furniture, bedding, upholstery, office and store fittings and fixtures regardless of the materials used.

625 Paper, Pulp, Paperboard Manufacture - Includes the manufacture of pulp, fibres, paper, paperboard, insulating board, fiber building paper, and the glazing and laminating of paper or paperboard. Excludes the manufacture of asphalted and tar-saturated paper, abrasive paper, sensitized paper, carbon and stencil paper classified under 618, 699, and 957 respectively.

626 Paper, Pulp, Paperboard Products Manufacture - Includes the manufacture of pressed and molded pulp goods, containers and articles made of paper and paperboard.

627 Printing, Publishing Newspaper, Magazine - Excludes job printing

628 Printing, Publishing - Includes printing, lithographing, commercial or job printing, book publishing, manufacture of greeting cards, looseleaf devices, library binders, bookbinding, blank book making, paper ruling, and other work related to bookbinding such as bronzing, gilding and edging, map and sample mounting, services for the printing trades such as typesetting, engraving, etching steel and copper plates, woodcut, photo-engraving, electro-typing and stereo-typing. Excludes type foundry classified under 633, engraving on precious metals classified under 694.

629 Wood, Furniture, Paper, Printing - unclassified or unknown

630 METAL, METAL PRODUCTS, ELECTRICAL EQUIPMENT & APPLIANCES

631 Basic Iron & Steel Manufacture - Includes iron and steel shapes, consisting of all processes from smelting in blast furnaces to the semi-finished stage in rolling mills and foundries, and coke ovens associated with blast furnaces.

632 Basic Nonferrous Metals Manufacture - Includes nonferrous metal shapes, consisting of all processes from smelting, alloying and refining, rolling

and drawing and founding and castings; that is, the production of ingots, bars and billets, sheets, strips, casting and extrusions.

- 633 Basic Metal Products Manufacture - Includes transformation of basic metal forms into finished products, enameling, japanning, lacquering, gilding, galvanizing, plating, polishing, blacksmithing, and welding. Excludes manufacture of machinery classified under 634, electrical and transport vehicles and equipment classified under Group 680 and silverware and jewellery classified under 694.
- 634 Machinery Manufacture - Includes machine shops, the production of ball bearings, and mechanical precision instruments as well as industrial engines, measuring and dispensing pumps. Excludes electrical machinery and appliances classified under 635 and 636 respectively, and automobile, aircraft and marine equipment classified under Group 680.
- 635 Electrical & Electronic Appliance Manufacture - Includes insulated wire, cables, electric lamps, computers, communication equipment, radios, television sets, phonographs, batteries, X-ray and therapeutic apparatus, electronic tubes and components, and the repair of the electrical appliances. Excludes instruments for measuring and recording electrical quantities and characteristics classified under 691.
- 636 Electrical and Electronic Machinery Manufacture - Includes machinery, apparatus and supplies for the generation, storage, transmission and transformation to electric energy, and the repairing of electrical machinery; excludes instruments of measuring and recording electrical quantities and characteristics classified under 691
- 639 Metal, Metal Products, Electrical Equipment & Appliances unclassified or unknown

640 FOOD PROCESSING

- 641 Slaughtering, Preparation, Preserving of Meat & Poultry - Includes killing, dressing, smoking, salting, pickling, quick-freezing, packing, curing, manufacture of natural sausage casings, the rendering of lard and other edible animal fats.
- 642 Dairy Products Manufacturing - Includes the pasteurizing and bottling of milk.
- 643 Canning, Preserving of Fruits & Vegetables - Includes dehydrating and quick-freezing.
- 644 Canning, Preserving of Fish, Sea Foods - Includes salting, drying, dehydrating, smoking, curing, cooking, pickling and quick-freezing. Excludes icing, salting and filleting of fish catch and processing of the catch aboard fishing vessels classified under 848.
- 645 Grain Mill Products Manufacturing - Includes husking, cleaning, polishing, preparation of breakfast foods such as rolled oats, rice, wheat and corn flakes, blended and prepared flour and starch and its products, prepared feeds for animals and fowl. Also includes coffee, root peeling mills and starch and its products.
- 646 Bakery Products Manufacturing - Includes bread, cakes, doughnuts, pies, pastries and biscuits.
- 647 Sugar Factories & Refineries - Includes honey extraction plant
- 648 Cocoa, Chocolate and Sugar Confectionery Manufacturing

649 Food Processing - unclassified or unknown

650 BEVERAGE, TOBACCO, SOAP, MARGARINE

- 651 Distilling, Rectifying, Blending Spirits
- 652 Wineries
- 653 Breweries
- 654 Soft Drinks, Carbonated Water Processing
- 655 Tobacco Products Manufacturing - Includes stemming, redrying and related operations. Excludes tobacco drying sheds which are classified under 926.
- 656 Vegetable and Animal Oil, Fat, Soap Making - Includes the hydrogenating (or hardening) of oils and fats, margarine manufacturing, the manufacture of soaps, detergents and other washing and cleaning compounds. Excludes the manufacture of lard and other edible fats which is classified under 641.
- 659 Beverage, Tobacco, Soap, Margarine - unclassified or unknown

660 TEXTILES

- 661 Spinning & Weaving Cotton - Includes carding, combing, carbonizing, spinning, weaving of carpets and rugs, lace, braids and other primary textiles.
- 662 Spinning & Weaving Wool, Worsted - Includes preparing wool and worsted fibres, scouring, carding, combing, carbonizing, spinning, weaving of yarns, fabrics, carpets, rugs, lace, braids and other primary textiles.
- 663 Spinning & Weaving Mixed & Blended Fibres - Includes fibres such as flax, hemp, jute, silk, sisal and synthetic fibres and operations such as retting, scutching, scouring, carding, combing, carbonizing, throwing, spinning, weaving for manufacturing carpets, rugs, lace, braid, yarn and other primary textiles. Excludes asbestos spinning and weaving classified under 958.
- 664 Textile Finishing - Includes bleaching, dyeing, printing and finishing of all fabrics and fibres.
- 665 Knitting Mill - Includes all fibres. Excludes making up of garments from knitted fabrics other than in knitting mill, classified under 672.
- 666 Cordage, Rope, Twine & Net Manufacturing
- 667 Floor Covering & Coated Fabric Manufacturing - Includes manufacturing linoleum, artificial leather, oilcloth, impregnated and coated fabrics, and floor tiles. Excludes rubber and clay tile classified under 677 and 951 respectively.
- 669 Textiles Miscellaneous - unclassified or unknown

670 FOOTWEAR, WEARING APPAREL MANUFACTURING

- 671 Footwear Manufacturing - Excludes vulcanized footwear (677)
- 672 Wearing Apparel Manufacturing - Includes leather, fur the making of hat bodies, hats and millinery, and the manufacture of umbrellas and walking sticks. Excludes footwear, repair of wearing apparel in connection with the cleaning and pressing classified under 696.

- 673 Textile Goods Manufacturing - Includes stitching, pleating and tucking for the trade. Excludes wearing apparel classified under 672.
- 674 Tanneries, Leather Finishing - Includes embossing and japanning.
- 675 Fur Products Manufacture - Includes scraping, tanning, bleaching and dyeing and fellmongery. Excludes wearing apparel classified under 672.
- 676 Leather Products Manufacturing -Includes products of leather and leather substitutes. Excludes footwear and other apparel.
- 677 Rubber, Rubber Products Manufacturing - Includes natural and synthetic rubber products, the reclaiming or rubber from scrap and miscellaneous waste rubber material.
- 679 Footwear, Wearing Apparel Miscellaneous - unclassified or unknown.

680 VEHICLES & RELATED EQUIPMENT MANUFACTURING

- 681 Ship Building - vessels over 20m
Includes barges, lighters, tugs whether self-propelled or not, specialized marine engine, masts, spars, rigging and ship parts manufacturing, dry docks and ship breaking yards.
- 682 Boat Building - vessels 20m and under
Includes boats, yachts, made of any material, whether self-propelled or not, specialized marine engines, masts, sails, rigging and boat parts manufacturing, outboard engines.
- 683 Railway Equipment Manufacturing, Assembly
- 684 Motor Vehicle Manufacturing & Assembly - Includes manufacturing motor vehicle parts. Excludes tires and tubes classified under 677, automobile glass classified under 952, electrical equipment classified under 635, agricultural and road building tractors and fork-lift trucks classified under 634, motor vehicle repairs classified under 573.
- 685 Bicycle Manufacturing, Assembly & Repair
- 686 Aircraft & Rocket Manufacturing, Assembly - Excludes the manufacture of electric and electronic equipment classified under 635 or 636 and aeronautical instruments classified under 691.
- 689 Vehicles & Related Equipment - unclassified or unknown

690 MISCELLANEOUS - INDUSTRIAL MANUFACTURING PROPERTY

- 691 Instrument Manufacturing - Includes measuring, controlling, laboratory, scientific, surgical, medical and dental instruments and supplies. Excludes optical instruments for scientific and medical use classified under 692, and the production of measuring and dispensing pumps classified under 634.
- 692 Photographic, Optical Goods Manufacture - Includes optical instruments, lens grinding, ophthalmic goods, photographic equipment and supplies, including sensitized film, plates and paper, optical instruments for scientific and medical use.
- 693 Watch & Clock Manufacturing - Includes mechanisms for timing
- 694 Precious Metal, Jewellery Manufacturing - Includes silverware and plate ware, using precious metals, precious and semiprecious stones and pearls, the cutting and polishing of precious and semiprecious stones, the striking of medals and coins, and engraving on metals.

- 695 Musical Instruments Manufacturing - Includes phonographs, compact disks and speech recording machines classified under 636 and phonograph records classified under 614.
- 696 Dry Cleaning Plant - Includes cleaning, pressing, dyeing and minor repair of apparel and household furnishings.
- 697 Photographic Film Processing - Includes processing of photographic film, motion picture or still, in special plants and centres. Excludes processing incidental to other operations, such as in a newspaper publishing office.
- 698 Toy, Sporting Goods Manufacturing
- 699 Industrial Manufacturing Properties - unclassified or unknown

700 STORAGE PROPERTIES

Property characterized by the presence of relatively small numbers of persons in proportion to the area. Storage includes all buildings, structures or areas utilized primarily for the storage or sheltering of goods, merchandise, products, vehicles or animals, including servicing, processing or repair operations.

710 AGRICULTURE PRODUCTS STORAGE

- 711 Seeds, Beans, Nuts, Grain Storage in Bulk - Includes bulk storage in bins, silos, cribs, pole barns or piles in the open. Excludes storage in barns classified under 923 and silage under 928.
- 712 Agricultural Products Boxed, Crated, Packaged for Storage
- 713 Loose or Bagged Agricultural Products Storage - Excludes bagged products inside cardboard boxes classified under 712, loose tobacco storage classified under 714, bulk storage of seeds, feeds, nuts, beans and grains classified under 711.
- 714 Loose or Baled Tobacco Storage
- 715 Livestock Storage - Includes storage at any point beyond the raising ranch or farm, at rail and truck stockyards and other livestock pens and yards.
- 716 Agriculture Supply Storage - Includes feed, fertilizer, peat moss, non-motorized farm implements, hay, grain, seed and feed stores, farm implements.
- 717 Commercial Grain Elevators
- 719 Agricultural Products Storage - unclassified or unknown

720 TEXTILES, FIBRES, CLOTHING STORAGE

- 721 Baled Cotton Storage
- 722 Baled Wool or Worsted Storage
- 723 Baled Synthetic Fibres, Silk Storage
- 724 Storage of Baled Jute, Hemp, Flax, Sisal, Other Mixed Fibres
- 725 Cloth & Yarns Storage
- 726 Wearing Apparel, Garments & Finished Textiles Storage
- 727 Leather & Leather Products Storage
- 728 Fur, Skin & Hair Products Storage
- 729 Textiles, Fibres, Clothing Storage - unclassified or unknown

730 PROCESSED FOOD, BEVERAGE STORAGE

- 731 Packaged Food Stuffs Storage - Excludes canned goods (732)
- 732 Canned, Bottled Food, Soft Drinks Storage

- 733 Loose or Bagged Processed Foods Storage - Includes processed animal food storage. Excludes natural animal feeds stored in bulk classified under 711 and natural feed stored in bags classified under 713.
- 734 Alcoholic Beverage Storage - Includes barrels, casks, kegs
- 735 Cold Storage - Includes refrigerated buildings with a carefully controlled atmosphere, food locker plants. Excludes ice storage classified under 797.
- 736 Bulk Sugar Storage
- 737 Bulk Flour, Starch Storage
- 738 Packaged Tobacco, Tobacco Products Storage
- 739 Processed Food, Beverage Storage - unclassified or unknown

740 FLAMMABLE LIQUIDS, GASES, PETROLEUM PRODUCTS STORAGE

Excludes those specifically mentioned in Group 760, such as paints and varnishes under 765.

- 741 Flammable Liquids Tank Storage - Includes tank farms at terminals, petroleum bulk plants and airport fuel dispensing systems. Excludes refinery tankage classified under 617 and reservoir at oil or gas well classified under 964.
- 742 Packaged Petroleum Products Storage
- 743 LP Gas Bulk Plant - Excludes filling individual cylinders (571)
- 744 LP Gas Cylinders Storage
- 745 Gasometer and Cryogenic Gases Storage
- 746 Missile & Rocket Fuels Storage - Includes at manufacturing plant, launching site and intermediate fixed storage locations.
- 749 Flammable Liquids, Gases, Petroleum Products Storage - unclassified/unknown.

750 WOOD, FURNITURE, PAPER & PRODUCTS STORAGE

- 751 Lumberyards, Building Materials Storage - Excludes storage of timber, pulpwood, logs, wood chips and wood fuel classified under 757 or 758.
- 752 Wood Products Storage
- 753 Furniture Storage - Includes public warehouse for furniture storage. Excludes general warehouse classified under 791.
- 754 Fibre Products Storage - Includes products made from fibres or ordinary combustible materials, such as fibreboard or noncombustible fibre materials with combustible components, such as fibreglass insulation, wood pulp, felt, excelsior, rope.
- 755 Rolled Paper, Newsprint Storage
- 756 Paper & Paper Products Storage - Includes baled paper storage and paper bag storage, cartons and paper stored in recycling bins. Excludes rolled paper storage classified under 755, pulp storage classified under 754.
- 757 Timber, Log Storage - Includes felling and rough cutting of trees, hewing of poles, blocks. Excludes sawmill operating in the forest classified under 621.
- 758 Pulpwood Pile, Cordwood Storage
- 759 Wood, Furniture, Paper & Products Storage - unclassified or unknown.

760 CHEMICALS, PLASTICS, PAINTS STORAGE

- 761 Basic Industrial Chemicals Storage - Includes generally noncombustible chemicals, oxygen.
- 762 Hazardous Chemicals Storage - Excludes flammable liquids and gases classified under Group 740 and radioactive materials classified under 981.
- 763 Plastics & Plastic Products Storage
- 764 Fertilizers, Peat Moss Storage - Classify under 716 when fertilizers, peat moss are in storage with other agricultural supplies.
- 765 Paints & Varnishes Storage
- 766 Drugs, Cosmetics & Pharmaceuticals Storage
- 767 Rubber, Rubber Products Storage
- 768 Photographic Films Storage
Includes distribution facilities as film exchanges.
- 769 Chemicals, Plastics, Paints Storage - unclassified or unknown

770 METAL PRODUCTS, MACHINERY, ELECTRICAL APPLIANCE STORAGE

- 771 Metal Basic Forms Storage
- 772 Metal Parts Storage
- 773 Hardware Storage - Includes storage of auto parts, auto accessories, tools, plumbers' supplies.
- 774 Machinery Storage
- 775 Electrical Appliances & Supplies Storage
- 776 Finished Metal Products Storage
- 777 Scrap Storage & Junkyards - Includes non-metal waste and scrap, such as wastepaper and tires.
- 779 Metal Products, Machinery, Electrical Appliance - unclassified or unknown.

780 VEHICLES STORAGE

- 781 Garage: Individual Residential Parking in One-Storey Garages
- 782 Garage: General Auto Parking - Includes parking of automobiles of different ownership under the direction of one management, parking in open lots (including apartments), special dwellings and other areas. Excludes facilities for repair of motor vehicles classified under 573.
- 783 Bus, Truck, Fleet, Automobile Dealer & Taxi Cab Storage
Includes parking of motor vehicles under the same ownership.
Excludes machinery and equipment storage classified under 784.
- 784 Heavy Machines & Equipment Storage - Includes public works vehicles, construction and earth-moving equipment, dump trucks and cranes.
- 785 Marinas, Boat & Ship Storage - Includes docking and mooring facilities for boats in the water, launching facilities and storage of boats and ships for relatively long periods of time. Excludes yacht club buildings classified under 153, boat repairing yards which are classified under 682, and marine service stations classified under 577.
- 786 Aircraft Hangar
- 787 Railway Storage - Includes locomotive storage, car storage and track repair equipment, all fixed railroad storage facilities. Excludes railway yards and signaling/switching facilities which are classified under Group 850.
- 788 Fire Station
- 789 Vehicles Storage - unclassified or unknown

790 GENERAL STORAGE PROPERTIES

These properties are not readily included in any other group.

- 791 Warehouse - generally for a wide variety of type of items
- 792 Mineral Materials Storage - Includes bagged cement, lime, gypsum or other mineral materials.
- 793 Coal, Coke, Briquette & Charcoal Storage
- 794 Freight Terminal
- 795 Glass & Glass Products Storage - in finished form only
Includes pottery, chinaware, glass and glass products, clay products, earthenware, ceramics.
- 796 Military Stores
- 797 Ice Storage - Includes detached or portable coin-operated storage dispensing units. Excludes dry ice manufacturing classified under 611.
- 798 Pier, Wharf (Storage in Open Area)
- 799 Miscellaneous Storage Properties - unclassified or unknown

800 SPECIAL PROPERTY & TRANSPORTATION EQUIPMENT

These properties are not readily included in any other group and include mainly outdoor property and transport equipment.

810 OUTDOOR PROPERTY

- 811 Brush, Grass & Light Ground Cover on Open Land, Field
Excludes forests classified under 818, timber and log piles classified under 757, and farm crops classified under 925.
- 812 Dumps - Includes refuse disposal areas and dumps in open ground.
Excludes enclosures to burn classified under 947.

- 813 Trees - Includes individual trees only
- 814 Fence, Poles, Railroad Ties
- 815 Trash & Rubbish - Includes containers for disposal of rubbish and trash. Excludes public or industrial rubbish facilities classified under 947.
- 816 Mailboxes
- 817 Cemetery
- 818 Forest, Standing Timber
- 819 Outdoor Property - unclassified or unknown

820 SPECIAL CONNECTING THOROUGHFARES

- 821 Bridge, Overpass, Trestle - Includes elevated road and railway
- 822 Tunnel - Includes underpass over 30m in length
- 823 Underpass - Includes tunnels 30m or less in length
- 824 Aerial Tramway - Includes ski, chair lifts, cable car, monorail
- 829 Special Connecting Thoroughfare - unclassified or unknown

830 UNDER CONSTRUCTION OR DEMOLITION - VACANT

- 831 Buildings Under Construction
- 832 Buildings Under Demolition
- 833 Construction, Other Than Building
- 834 Demolition, Other Than Building
- 835 Vacant Property, Property Without Contents
- 836 Unoccupied Property - Property left unoccupied over 30 days other than seasonal residences.
- 837 Contractor's Shed
- 838 Building Under Major Renovation
- 839 Under Construction or Demolition - Vacant - unclassified or unknown.

840 WATERCRAFT

- 841 Motor Craft - 20m or less over-all length, - Includes vessel with built-in motor. Excludes outboards classified under 849 and commercial fishing vessel classified under 848.
- 842 Vessel - under 1000 gross tons, - Includes vessel over 20m over-all length, but under 1000 gross tons.
- 843 Passenger Ship
- 844 Tanker Ship
- 845 Combat Ship
- 846 Cargo Ship
- 847 Non Self-Propelled Vessel - Includes towed petroleum balloon, barge and towed towable vessel. Excludes sailboat classified under 849.
- 848 Commercial Fishing Vessel - Includes factory vessel.
- 849 Watercraft - unclassified or unknown

850 RAIL TRANSPORT VEHICLE & EQUIPMENT

Railroad, subway, railway, trolley car and other rail vehicles are included in the term "railway". Monorail is classified under 886.

- 851 Passenger, Diner Railway Car, Caboose
- 852 Passenger Sleeper Railway Car - while made up
- 853 Freight, Box, Tank, Hopper, Container, Piggy Back Railway Car

- 854 Locomotive, Engine & Other Power Unit
- 855 Self-Powered Railway Car - Includes trolley, rapid transit car
- 856 Roadbed Maintenance Equipment/Car
- 857 Railway Signalling & Switch Control Equipment
- 858 Railway Yard
- 859 Rail Transport Vehicle & Equipment - unclassified or unknown

860 GROUND TRANSPORT VEHICLES

Excludes special vehicles classified under Group 880 and mobile living units classified under Group 370.

- 861 Automobile
- 862 Bus, Trackless Trolley
- 863 Compressed or LP Gas Tank Truck
- 864 Flammable Liquid, Chemical Tank Truck
- 865 General Truck - Includes mail truck, trailer truck and tow truck
Includes tank truck with non-flammable cargo, mail truck and trailer truck.
- 866 Motorcycle
- 867 Vehicle & Non-Motorized Hauling Vehicle, Utility Trailer. (excludes Food Vending - Non-motorized classified under 992)
- 868 Semi Truck Trailer
- 869 Ground Transport Vehicle - unclassified or unknown

870 AIRCRAFT

- 871 Private Aircraft
- 872 Commercial Aircraft - non-scheduled airlines
- 873 Commercial Passenger Aircraft
- 874 Commercial Cargo Aircraft
- 875 Helicopter & Vertical Take Off Aircraft - non military
- 876 Military Combat Aircraft - bomber, fighter, patrol
- 877 Military Non-Combat Aircraft - cargo, training
- 878 Space Vehicle - Includes rockets and missiles, manned or not
- 879 Miscellaneous Aircraft - unclassified or unknown

880 SPECIAL VEHICLES

- 881 Construction Equipment - Excludes crane (883)
- 882 Farm Tractor & Equipment, Grain Dryer, Harvester, Picker, Combine, etc.
- 883 Mobile or Fixed Crane
- 884 Industrial Truck, Forklift & Material Handling Truck, etc.
- 885 Petroleum & Gas Drilling Rig
- 886 Snowmobile, ATV
- 887 Logging equipment
- 888 Emergency vehicles - Includes fire and ambulance
- 889 Miscellaneous Special Vehicles - (combat vehicles, etc).

890 MISCELLANEOUS SPECIAL PROPERTY

- 891 Pier, Wharf - If incident involves damage to products or materials stored in open area on pier, wharf, classify under 798.

900 MISCELLANEOUS PROPERTY

These properties are not readily included in any other group and include mainly outdoor property.

910 LABORATORIES

- 911 Chemical, Biological Laboratory
- 912 Physical Material Testing, Hydraulics Laboratory
- 913 Personal, Psychological Laboratory - Includes educational lab.
- 914 Radioactive Material Handling Laboratory
- 915 Electrical, Electronic Laboratory
- 916 Agricultural Laboratory
- 917 General Research Laboratory
- 918 Medical Laboratory
- 919 Laboratory - unclassified or unknown

920 FARM FACILITIES

- 921 Poultry, Egg Production Facility
- 922 Cow & Cattle Production Facility - Includes cow milking, milk houses, milk cooling facilities. Excludes milk processing plants classified under 642.
- 923 Barn Storage, Quonset - Includes all associated storage such as vehicles and feed. Excludes silo classified under 928, and animal barn classified under 924.
- 924 Animal Barn - Includes cattle, pigs, horses and other livestock (Hog barns 991)
- 925 Crops, Orchards, Straw Stacks
- 926 Tobacco Curing Sheds
- 927 Fruit, Vegetable Packing Facility
- 928 Silo on Farm - Includes silo for storage of silage. Excludes bulk storage of grain, seeds, beans classified under 711.
- 929 Miscellaneous Farm Facility - unclassified or unknown

930 MISCELLANEOUS OUTBUILDINGS

- 931 Shed - Includes implement shed, excludes heating shed classified under 994, and workshop classified under 993

- 932 Privy
- 933 Toll Station or Booth, Weigh Scale
- 934 Awning, Canopy
- 935 Storm, Weather, Bomb, Fallout Shelter, Ice Fishing Shack, Summer Kitchen. Includes bus shelter, band stand, outdoor performance stage.
- 936 Root Cellar
- 937 Conveyor
- 938 Telephone Booth
- 939 Miscellaneous Outbuildings - unclassified or unknown

940 UTILITY

- 941 Electric Light & Power Generating Plant
- 942 Electric Light & Power Distribution System - Includes hydro line and pole. Includes high tension lines, transformers, outside generating plants.
- 943 Gas Manufacturing Plant
- 944 Gas Distribution System, Pipeline - Includes transmission lines, compressors, pumps for all type of fuel gas and distribution piping up to the customer side of the meter.
- 945 Heating Plant - Includes central heating plant, steam and super heated water system and district heating system.
- 946 Water Supply System
- 947 Sanitary Service - Includes sewers, commercial incinerators and industrial rubbish burners. Excludes small rubbish barrels and personal incinerators classified under 815.
- 948 Flammable Liquid Distribution System, Pipeline - Includes piping systems and associated equipment for the distribution of flammable liquids from manufacturing plant, storage facility or well up to the customer side of the meter.
- 949 Miscellaneous Utility - unclassified or unknown

950 CEMENT, GLASS, POTTERY MANUFACTURING

- 951 Structural Clay Products Manufacturing - Includes manufacture of bricks, tiles, pipes, crucibles, architectural terra cotta, chimney pipes and refractories.
- 952 Glass Manufacturing - Includes optical glass other than the grinding of optical lenses classified under 692.
- 953 Glass Container Manufacturing
- 954 Pottery, China, Earthenware Manufacturing
- 955 Cement Manufacturing
- 956 Cement Batch Mixing Plant
- 957 Abrasives Manufacturing - Includes shaping into grindstones, coating cloths and papers with abrasives, and making abrasive bonded wheels and discs.
- 958 Non-Metallic Mineral Product Manufacturing
- 959 Cement, Glass, Pottery Manufacturing - unclassified or unknown

960 MINING, QUARRYING

Includes underground and surface mines, quarries and oil wells and supplemental onsite machinery. Quarries and mines attached to other properties are, as far as possible, classified under this Group.

- 961 Coal Mine
- 962 Iron Ore Mine, Quarry
- 963 Petroleum, Natural Gas Well With Accompanying Reservoir
Includes prospecting and drilling, oil shale or bituminous sand operations, and extraction of crude oil. Excludes oil pipeline classified under 948 and gas pipeline classified under 944.
- 964 Petroleum, natural gas - Petroleum, natural gas well with accompanying reservoir and batteries, includes prospecting and drilling, oil shale or bituminous sand operations, and extraction of crude oil; excludes oil pipeline classified under 948 and gas pipeline classified under 944.
- 965 Stone, slate, clay, gravel, sand, quarry or pit
- 966 Salt Mine, Quarry - Includes evaporating, crushing, screening and refining. Excludes the refining of salt for edible purposes in establishments not engaged in extracting or quarrying salt classified under 649.
- 967 Chemical, Fertilizer, Mineral Mine
- 968 Non-Metallic Mineral Mine, Quarry - Includes all other non-metallic mining and quarrying, peat cutting and digging.
- 969 Miscellaneous Mining & Quarrying - unclassified or unknown

970 COMMUNICATIONS

- 971 National Defence Communications Sites - Includes missile launch sites. Excludes radio and radar sites classified under 972.
- 972 Radio, Radar Site - Includes microwave transmitter site, flight control facility, satellite tracking station, repeater site, fixed and mobile station. Excludes fire and police communications classified under 973.
- 973 Fire, Police Communication Centre - Includes municipal, county, provincial or federal emergency communication centre.
- 974 Telephone Exchange - Includes communication cable site with the associated repeater and terminal facility.
- 976 Weather Station
- 977 Lighthouse, Light Station
- 979 Miscellaneous Communications - unclassified or unknown

980 NUCLEONICS

Property in which uranium, radium, thorium, heavy water and other radioactive or nuclear materials are stored or handled. A laboratory handling radioactive materials is classified under 914.

- 981 Radioactive Materials, Handled in Bulk - Includes fuel element plant, radioactive waste disposal, heavy water plant.
- 982 Radioactive Materials, Handled in Relatively Small Quantities

- 983 Nuclear Power Production or Radioactive Tracers & Isotopes
Excludes that portion of the plant devoted to the generation of electricity,
classified under 941.
- 984 Nuclear Ordinance Property - Includes bomb assembly
- 989 Miscellaneous Nucleonics - unclassified or unknown

990 MISCELLANEOUS PROPERTY

- 991 Hog Barn
- 992 Food Vending Cart (Non-Motorized)
- 993 Workshop
- 994 Heating Shed
- 995 Barbecue
- 996 Groundskeeping Equipment - lawnmower, irrigation equip., etc.
- 997 Snowblower
- 998 Tillers
- 999 Miscellaneous Property - unclassified or unknown

PROPERTY CLASSIFICATION LIST (ALPHABETIC)

<u>DESCRIPTION</u>	<u>CODES</u>
Abrasives Mfg.....	957
Agricultural Products - Boxed, Crated, Packages - Storage	712
Agricultural Products - Bulk Storage (Bins, Silos, Elevators, etc. - excludes Barns classified under 923)	711
Agricultural Products Loose or in Large Sacks - Storage	713
Agricultural Products, Misc. Storage	719
Agricultural Supplies Storage	716
Aircraft & Rocket Mfg.....	686
Aircraft, Cargo, Commercial	874
Aircraft, Combat, Military, Bombers, Fighters, & Patrol	876
Aircraft, Commercial, Non-scheduled Airlines	872
Aircraft, Helicopter& Vertical Take Off, Non-military	875
Aircraft Maintenance & Repair.....	686
Aircraft, Non-Combat, Military, Cargo, Training, Utility	877
Aircraft, Passenger, Commercial Scheduled Airlines.....	873
Aircraft, Private.....	871
Aircraft Storage Hangars.....	786
Aircraft, unclassified (describe)	879
Airport Passenger Terminal	181
Alcoholic Beverages - Storage.....	734
Ambulance	888
Amusement Centre.....	124
Amusement Recreation Place unclassified	129
Animal Barn.....	924
Apartments, Townhouses - unclassified	329
Apartments, Townhouses - 1 or 2 units with Business	321
Apartments, Townhouses - 1 to 2 units without Business	322
Apartments, Townhouses - 3 to 20 units with Business	323
Apartments, Townhouses - 3 to 30 units without Business	324
Apartments, Townhouses - over 20 units with or without Business.....	325
Appliance Repair Shop	562
Appliance Store.....	532
Arena/Stadium	128
Art Gallery	163
Art Supplies, Sales	557
Asphalt/Coal Products - Mfg./Processing.....	618
Assembly Occupancies - unclassified (describe)	199
ATV	886
Auditorium, Concert Hall	114
Automobile	861
Awning/Canopy	934
Bakery Products Mfg. (includes bread, cake, pastry, etc.)	646
Ballroom/Dance Hall/Community Hall/Gymnasia	126
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DESCRIPTION

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Barbecue.....995
Barn, Animal.....924
Barn, Dairy.....922
Barn, Hogs.....991
Barn, Poultry, Egg Production921
Barn, Storage, Quonset923
Beauty Parlor.....422
Bed and Breakfast, 1 - 15 occupants.....334
Bed and Breakfast, 15 occupants and over345
Beverage, Food Sales - unclassified.....519
Beverage, Tobacco, Soap, Margarine Mfg. - unclassified659
Bicycle Manufacturing.....685
Billiard Centre/Pool Hall122
Boat Building.....682
Boat Sales.....576
Books/Newspaper/Drugs/Specialty Sales - unclassified.....549
Book Store/Stationary Supplies/Office Supplies541
Bowling Alley121
Breweries - Manufacturing/Processing.....653
Bridge/Overpass/Trestle.....821
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Builders Supplies Sales.....593
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Buildings Under Demolition.....832
Buildings Under Major Renovations838
Bunkhouse and Workers Barracks366
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Bus Shelter935
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Business and Personal Services Facility - unclassified.....499
Bus Terminal.....183
Bus/Truck/Automobile Storage783

Caboose.....851
Camping Trailer374
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Canning & Preserving Fish & Sea Foods644
Canning & Preserving Fruits and Vegetables643
Car.....861
Car Dealership574
Car Wash Facilities578
Cement, Batch Mixing - Plant956
Cement, Glass, Pottery Manufacturing - unclassified (describe).....959

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Chemicals, Basic Industrials includes Industrial Gases - Mfg./Processing	611
Chemicals, Basic Industrial Storage	761
Chemicals, Hazardous - Mfg./Processing	612
Chemicals, Hazardous - Storage	762
Chemicals, Petroleum, Paints, Plastics - Mfg./Processing.....	619
Chemicals/Plastics/Paints Storage unclassified (describe)	769
Child Care Hospital.....	232
Child-Care - unclassified (describe)	239
Children's Day Centre	233
Children's Home, Orphanage	231
Children's Playhouse.....	391
Church/Chapel	141
Church, Funeral Parlour unclassified (describe).....	149
Church Hall.....	143
Clinic, Clinic Type Infirmary.....	245
Cloth and Yarn Storage.....	725
Clothing Accessories, Shoe Store	522
Clothing Store	521
Club, Country.....	152
Club, Recreational.....	151
Club, Sports, Social unclassified (describe)	159
Club, Yacht	153
Coal, Coke, Charcoal Storage.....	793
Cocoa, Chocolate, Confectionery Mfg.....	648
Cold Storage/Refrigerated Bldg. & Storage.....	735
College/University	138
Combine.....	882
Communications Centre, Fire, Police etc.	973
Communications Facilities - unclassified (describe)	979
Computer, Electronic Data Processing Centre.....	431
Construction Equipment	881
Construction, other than Buildings	833
Contractor's Shed	837
Convent/Monastery/Religious Dormitory.....	365
Conveyor.....	937
Cordage, Rope, Twine & Net Mfg.....	666
Cottage, Seasonal Use Dwelling, in Season, 1 Family	312
Cottage, Seasonal Use Dwelling, off Season, 1 Family.....	313
Cottage, Seasonal Use Dwelling, in Season, 2 Family	315
Cottage, Seasonal Use Dwelling, off Season, 2 Family.....	316
Cotton, Bales, Storage.....	721
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Dry Cleaning plant - Mfg./Processing696
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Dwelling, Seasonal use, in Season, 1 Family.....312
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Exhibition Hall, Exposition Hall	127
Farm Equipment Sales	574
Farm Facility, unclassified (describe)	929
Farm Tractors and Other Farm Machinery	882
Fences, Poles, Railroad Ties	814
Fertilizer, Peat Moss Storage	764
Fibre Products Storage	754
Fibres, Bales Storage, Includes Jute, Hemp, Flax, Sisal, Blended Fibres	724
Fibres, Spinning and Weaving	663
Fire Stations	788
Fire Truck	888
Fireworks Sales	558
Flammable Liquid Distribution System	948
Flammable Liquids, Gases, Petroleum Products, Storage, unclassified (describe)	749
Flammable Liquids Storage	741
Floor Covering and Coated Fabric Mfg.	667
Florist Shop, Greenhouse	547
Flour or Starch, Bulk Storage	737
Food Beverage Sales Premises - unclassified (describe)	519
Food and Beverage Servicing Establishment - unclassified (describe)	179
Food Processing Facility - unclassified	649
Food Vending Cart (Non-motorized)	992
Food Vending Cart (Motorized)	865
Footwear Mfg.	671
Forest, Standing Timber	818
Forklift	884
Fraternity Sorority, Social Club with Accommodation for Sleeping	362
Freight Terminal - Storage	794
Fruit, Vegetable Packing Facility	927
Funeral Parlour, include Crematorium, Undertaking Premises	144
Furniture, Appliance, Hardware Sales Facilities - unclassified (describe)	539
Furniture, Repair or Upholstering, without Sales	561
Furniture, Fixture Bedding Mfg.	624
Furniture Storage	753
Furniture Store	531
Fur Products Mfg.	675
Fur, Skin and Hair Products Storage	728
Fur Storage	525
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Garage, Storage, Auto Parking.....	782
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Garden Supply Store	554
Gas Distribution System	944
Gas Manufacturing Plant	943
Gasometer and Cryogenic Gas Storage.....	745
Generating Plant.....	941
Gift Shop.....	545
Glass and Glass Products Storage.....	795
Glass Container Mfg.	953
Glass Mfg.....	952
Grain Dryer	882
Grain Mill - Products Mfg.	645
Grass	811
Grocery Store, (more than 1000m ²).....	511
Grocery Store, (less than 1000m ²)	512
Grounds Keeping Equipment.....	996
Hairdressing Salon, Beauty Parlor	421
Half-Way Home, Correctional	292
Half-Way Home, Medical.....	293
Hardware Storage.....	773
Hardware Store	533
Harvester	882
Hay Stack	925
Heating Plant.....	945
Heating Shed.....	994
Heavy Machine and Equipment Storage.....	784
Helicopter, Helistop Passenger Terminal.....	182
Historic Building.....	164
Hobby, Toy Shop	551
Hog Barn.....	991
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Home for the Aged - unclassified (describe)	229
Home Maintenance, Service	566
Hospital, General	241
Hospital, Mental.....	244
Hospital, Sanatorium, Clinic - unclassified (describe)	249
Hostel, 1 - 15 occupants.....	333
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Hotel, Inn, Lodge - Seasonal use, in Season.....	342
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Institutional Occupancies - unclassified (describe).....299
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Laboratory, Medical.....918
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Laboratory, Physical Materials Testing.....912
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Laundry, Self Service.....563
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Leather Goods Shop.....546
Leather, Leather Products Storage.....727
Leather Products Mfg.....676
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LP Gas - Bulk Plant, Storage	743
LP Gas - Gas Cylinder Storage	744
Lumber, Retail Sales	555
Lumberyards - Storage.....	751
Lunchroom, Drive-Inn	174
Machinery Manufacture	634
Machinery Storage	774
Mailboxes.....	816
Mail Order Store	584
Mailing, Photocopying.....	416
Maintenance Shop - General (describe).....	567
Mall Shopping Centre Common Areas.....	585
Massage Parlor.....	424
Marinas - Storage	785
Market, Grocery Store.....	512
Mercantile, Miscellaneous, unclassified (describe)	599
Metal Forms, Basic - Storage.....	771
Metal Parts Storage	772
Metal Products, Finished - Storage.....	776
Metal Products, Machinery, Electrical Appliance Storage - unclassified (describe).....	779
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Metals, Metal Products, Electrical Equipment and Appliances Mfg. - unclassified (describe)	639
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Mine, Chemical Fertilizer, Mineral	967
Mine, Metal Ore other than Iron	963
Mine, Quarry - Iron Ore	962
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Office, General Business.....411
Office, Medical, Health, Research or Scientific (excludes Laboratories).....414
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Storage765

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Paper, Pulp and Paperboard Mfg.	625
Paper, Rolled, Newsprint Storage.....	755
Passenger Terminal, Station - unclassified (describe)	189
Peat Moss.....	811
Personal Care Home	221
Personal Service Facility - unclassified (describe)	429
Pet Store/Animal Hospital/Kennel.....	556
Petroleum, Natural Gas Well, Reservoir.....	964
Petroleum Refineries - Mfg./Processing.....	617
Photographic Film Processing	697
Photographic Film Storage.....	768
Photographic, Optical Goods Mfg.	692
Photographic Supply Sales and Still Picture Studio	553
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Pier, Wharf Open Storage - Storage in Open Areas.....	798
Plastic and Plastic Products Storage	763
Plastic Material Mfg.	613
Plastic Products Mfg.	614
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Police Station	217
Post Office	417
Pottery, China, Earthenware Mfg.....	954
Poultry, Egg Production	921
Precious Metals, Jewelry Mfg.....	694
Printing, Publishing - Job Printing.....	628
Printing, Publishing - Newspaper and Magazines	627
Prison, Jail, Reformatory - unclassified (describe)	219
Prison, Penitentiary, Cell Blocks for Men	211
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Professional Supply Sales - includes stethoscopes, hospital supplies, special tools, engineering instruments, etc.	591
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Rooming, Boarding, Lodging House - 9 to 15 Persons	332
Rooming, Boarding, Lodging House - unclassified (describe).....	339
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Rubber, Rubber Products Storage.....	767
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DESCRIPTION

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Child Day-Care Centre classified under 233131
School, Rehabilitation (attendance by choice).....137
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CODES

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PROPERTY TYPE

Property Type refers to the type of property involved in the fire, i.e. building, vehicle, outside area, and should be coded according to one of the classifications listed below.

If the Property Type is unknown or not applicable, code under 0. If the Property Type is known but the description is not contained in the classifications listed below, code under 9.

- 1 Building with one specific property use, eg., residential (includes apartment building with no business).
- 2 Building with two or more specific property uses, eg., shopping mall with restaurant, retail outlets, etc.
- 3 Vehicle
- 4 Open structure, includes a roof with no walls, open steel framing, bridge, trestle.
- 5 Tent, air supported structure.
- 6 Outdoor area
- 7 Underground structure, mine
- 8 Pier, wharf, open platform
- 9 Property Type - unclassified
- 0 Unknown

GENERAL CONSTRUCTION

General construction describes the type of construction used in the floor-ceiling assemblies (excluding walls) of the building or structure, and should be coded in accordance with one of the following classifications.

NOTES:

- a) Heavy timber construction consists of floor-ceiling assemblies which are constructed of wood where the thickness of structural members of the thickness of floor and ceiling are not less than 3 inches.
- b) If more than one type of construction is involved, code under that type of construction which constitutes the major portion.
- c) If general construction is not applicable as in the case of a vehicle, or outside area, code under 8.

CODES:

- 1 Combustible Construction - open wood joist
- 2 Protected Combustible Construction - wood protected by plaster
- 3 Heavy Timber Construction
- 4 Non-Combustible Construction - exposed steel
- 5 Protected Non-Combustible Construction - protected steel or concrete
- 6 Protected Combustible Construction - wood protected by drywall
- 8 Not applicable - vehicle, outside area, etc.
- 9 General Construction - unclassified
- 0 General Construction - unknown

BUILDING HEIGHT

Building height refers to the number of storeys between the floor of the first storey (exclusive of basements or cellars) and the roof. In the case of buildings such as grain elevators in which there are no intervening storeys, the heights should be coded on the basis of 3 metres being equivalent to one storey.

CODES:

- 1 One Storey (3m)
- 2 Two Storeys (6m)
- 3 Three or Four Storeys (9m to 12m)
- 4 Five or Six Storeys (15m to 18m)
- 5 Seven to Twelve Storeys (21m to 36m)
- 6 Thirteen to Twenty-Four Storeys (39m to 72m)
- 7 Twenty-Five to Forty-Nine Storeys (75m to 147m)
- 9 Fifty Storeys or More (150m or more)
- 8 Not Applicable - vehicle, outside area, etc.
- 0 Cannot Be Determined

GROUND FLOOR AREA

The ground floor area refers to the area of the ground floor only and should be coded according to one of the classifications shown below.

CODES:

- 1 0 to 100m² (1-1,076 sq ft)
- 2 101 to 500m² (1,077-5,382 sq ft)
- 3 501 to 1,000m² (5,383-10,764 sq ft)
- 4 1,001 to 2,500m² (10,765-26,910 sq ft)
- 5 2,501 to 5,000m² (26,911-53,820 sq ft)
- 6 5,001 to 10,000m² (53,821-107,640 sq ft)
- 7 10,001 to 50,000m² (107,641 sq ft and over)
- 8 Not Applicable - vehicle, outside area, etc.
- 9 Ground Floor Area - unclassified
- 0 Cannot Be Determined

NUMBER OF OCCUPANTS

Number of Occupants refers to the actual number of people in the building at the time of the fire. Number of Occupants should be coded under one of the classifications listed below.

CODES:

- | | |
|---|--|
| 1 | 0 to 10 Occupants |
| 2 | 11 to 60 Occupants |
| 3 | 61 to 100 Occupants |
| 4 | 101 to 300 Occupants |
| 5 | 301 to 500 Occupants |
| 6 | 501 to 1,000 Occupants |
| 7 | Over 1,000 Occupants |
| 8 | Not Applicable - vehicle, outside area, etc. |
| 0 | Cannot Be Determined |

VALUE AT RISK

Value at Risk refers to the estimated cash value of the property including its contents and should be coded under one of the cash value ranges listed below. This value will include all objects within the same property (address) that is at risk. **Note: Variable such as weather conditions, object proximities, flame size, etc., would affect determined risk value.**

CODES:

1	\$0 to \$999
2	\$1,000 to \$9,999
3	\$10,000 to \$49,999
4	\$50,000 to \$99,999
5	\$100,000 to \$249,999
6	\$250,000 to \$999,999
7	\$1,000,000 to \$4,999,999
11	\$5,000,000 & Over
8	Not Applicable - outside area, etc.
0	Cannot Be Determined

YEAR OF CONSTRUCTION

Year of construction is coded by means of the four digits of the year. In many cases the figure will have to be an estimate. If the property involved has undergone renovations, code the original year of construction.

If year of construction is completely undetermined or not applicable or the property involved is other than a building or structure, e.g., vehicle, outside area, code under 0000.

DATE OF LAST INSPECTION

Date of Last inspection refers to the period in which the building or structure was last inspected previous to the fire.

If the fire was not in a building or structure that normally receives inspections, code under 9.

CODES:	Inspection Period
1	Less than 30 days
2	31 to 60 days
3	61 to 90 days
4	91 to 190 days
5	6 to 12 months
6	13 to 24 months
7	25 to 36 months
8	Over 36 months
9	Not applicable - vehicle, outside area, etc.
0	Unknown

MANUAL FIRE PROTECTION FACILITIES

Manual Fire Protection Facilities refers to the provision of hand fire extinguishers, standpipe and hose systems, manually operated fire alarm systems or combinations thereof and should be coded according to one of the classifications listed below.

CODES:

- 1 Extinguishers, Standpipe System & Manual Fire Alarm System
- 2 Extinguishers & Standpipe System
- 3 Extinguishers & Manual Fire Alarm System
- 4 Extinguishers
- 5 Standpipe System & Manual Fire Alarm System
- 6 Standpipe System
- 7 Manual Fire Alarm System
- 8 Not Applicable - outside area, etc.
- 9 Manual Fire Protection Facilities - unclassified
- 0 Cannot Be Determined

SPRINKLER PROTECTION

Sprinkler Protection is only coded in the case of buildings and should be coded according to one of the classifications listed below. Sprinkler Protection may be installed throughout the building in which case the system should be classified as "complete", in which case the system should be classified as "partial".

In addition, the Sprinkler System could be central station supervised or the building could be provided with standard watchman service consisting of regular recorded rounds, the alarms from the sprinkler system could be directly transmitted to fire alarm headquarters, or the alarms could be local only, which fact should be indicated by using the appropriate classification.

CODES:

- 1 Complete Sprinkler Protection - supervised or watchman service
- 2 Complete Sprinkler Protection - alarm to fire department
- 3 Complete Sprinkler Protection - unsupervised, local alarms only
- 4 Partial Sprinkler Protection - supervised or watchman service
- 5 Partial Sprinkler System - alarm to fire department
- 6 Partial Sprinkler Protection - unsupervised, local alarms only
- 7 No Sprinkler Protection
- 8 Not Applicable - vehicle, outside area, etc.
- 9 Sprinkler Protection - unclassified
- 0 Cannot Be Determined

SPRINKLER OPERATION

Sprinkler Operation is to be coded only in the case of buildings or individual dwelling units having sprinklers installed. If sprinkler operation is unknown, code under 09.

CODES:

- 00 No Sprinkler Installed
- 01 Sprinkler Operated
- 02 Sprinkler Not Operational - Tampered With
- 03 Sprinkler Not Operational - Power Not Connected
- 04 Sprinkler Not Operational - Power Failure
- 05 Sprinkler Not Operational - Unsuitable Location
- 06 Sprinkler Not Operational - Mechanical Failure
- 07 Sprinkler Not Operational - Unknown
- 08 Not Applicable - open area, vehicle, etc.
- 09 Sprinkler Operation Unknown

AUTOMATIC FIRE DETECTION SYSTEM

Automatic Fire Detection System is only coded in the case of buildings and should be coded according to one of the classifications listed below.

Automatic Fire Detection System may be installed throughout the buildings in which case the system should be classified as "complete", or in parts of the building only, such as in storage areas or aid handling systems, in which case the system should be classified as "partial".

Automatic Fire Detection System may also be central station supervised or directly connected to fire alarm headquarters or provided with local alarms only, which fact should be indicated by using the appropriate classification.

In addition, Automatic Fire Detection System may operate on the heat detection principle, either fixed temperature or rate-of-rise, or on the detection of products of combustion or smoke principle, which fact should also be indicated by using the appropriate classification.

CODES:

- 01 Complete Detection System - heat, alarm to fire department
- 02 Complete Detection System - heat, local alarms only
- 03 Complete Detection System - smoke, alarm to fire department
- 04 Complete Detection System - smoke, local alarm only
- 05 Partial Detection System - heat, alarm to fire department
- 06 Partial Detection System - heat, local alarms only
- 07 Partial Detection System - smoke, alarm to fire department
- 11 Partial Detection System - smoke, local alarms only
- 12 No Automatic Fire Detection System
- 08 Not Applicable - vehicle, outside area, etc.
- 09 Automatic Fire Detection System - unclassified
- 13 Complete Detection System - combined heat & smoke, alarm to fire department
- 14 Complete Detection System - combined heat & smoke, local alarms only
- 15 Partial Detection System - combined heat & smoke, alarm to fire department
- 16 Partial Detection System - combined heat & smoke, local alarm only
- 00 Cannot Be Determined

SMOKE ALARM OPERATION

Smoke Alarm Operation is to be coded only in the case of buildings or individual dwelling units having single station smoke alarms installed. If alarm operation is unknown code under 99.

CODES:

00	No Smoke Detector Alarm Installed
01	Alarm Activated - Assisted occupant(s) in evacuating
02	Alarm Activated - Inaudible
03	Alarm Activated - Occupants unable to respond
04	Alarm Activated - Unnecessary to evacuate
05	Alarm Activated - Occupant action unknown
06	Alarm Not Activated - Unsuitable location
07	Alarm Not Activated - No/Dead Battery
08	Alarm Not Activated - AC Power not connected/off
09	Alarm Not Activated - Mechanical failure
10	Alarm Not Activated - Unknown
11	Not Applicable - open area, vehicle, etc.
99	Alarm Operation Unknown

OUTSIDE FIRE PROTECTION

Outside Fire Protection refers to the outside fire protection facilities available to combat a fire and should be coded according to one of the classifications listed below. It includes the provision of such facilities as watermains, hydrants and fire departments.

Outside Fire Protection refers to the provision of such facilities as fire department, watermains, hydrants, or combination thereof.

CODES:

- 1 Municipal Hydrant Protection & Fire Department
- 2 Municipal Hydrant Protection & No Fire Department
- 3 Municipal Fire Department Only
- 5 Private Hydrant Protection & Fire Department
- 6 Private Hydrant Protection & No Fire Protection
- 7 Private Fire Department Only
- 8 Not Applicable - no outside fire protection
- 9 Outside Fire Protection - unclassified
- 0 Cannot Be Determined

PART III

DISCOVERY OF FIRE, ACTIONS TAKEN & DESCRIPTION OF FIRE

FIRE SERVICE

Fire Service describes the organization of the fire service in the municipality where the property is located and should be coded according to one of the classifications listed below.

CODES:

- 1 Full Time Fire Department
- 2 Volunteer Fire Department
- 3 Combined Full Time & Volunteer Fire Department
- 4 Police Acting as Full Time Firefighters
- 5 Combined Police & Fire Department
- 6 Combined Police & Volunteer Firefighters
- 7 Fire Service - contract to others
- 8 Not Applicable - no fire service
- 9 Fire Service - unclassified
- 0 Cannot Be Determined

INITIAL DETECTION

Initial Detection refers to the means by which the fire incident was first detected and should be coded according to the classification listed below. If the method of initial detection is known but is not included in the classification listed below, code under 9.

CODES:

- 1 Smoke Alarm Device
- 2 Smoke Detector Device
- 3 Heat Alarm Device
- 4 Heat Detector Device
- 5 Automatic Sprinkler System
- 6 Automatic System Other Than Sprinkler
- 7 Visual Sighting or Other Means of Personal Detection
- 8 No initial automatic detection
- 9 Initial Detection - unclassified
- 0 Initial Detection - unknown

TRANSMISSION OF ALARM TO FIRE DEPARTMENT

Transmission of Alarm to Fire Department is the means by which the fire department was first notified, and should be coded according to one of the classifications listed below. If the method of transmission of the alarm to the fire department is known but is not included in the classification listed below, code under 9. If the fire department was not notified or if there was such a delay that the fire department was unable to effectively combat the fire, under 6.

CODES:

- 1 Telephone Direct to the Fire Department
The reporting person direct dials the fire alarm centre.
- 2 Coded Signal Municipal Fire Alarm System
Included are telegraph or telephone systems, radio systems, and auxiliary connection to them.
- 3 Private Fire Alarm System
Included are signals received from central stations and remote stations.
Also include security alarm systems.
- 4 Radio
- 5 Direct Verbal Report to a Fire Station
- 6 No Alarm Received
Includes alarms when delayed appreciably resulting in late or no response.
- 7 Telephone Tie-Line to Fire Department
The reporting person direct dials another emergency agency.
Included are all calls received over a direct telephone tie-line from another emergency call centre or facility tied directly to the fire department.
- 8 Siren, Horn, or Other Alerting Device
- 9 Transmissions of Alarm to Fire Department - unclassified
- 0 Transmission of Alarm to Fire Department - unknown

RESPONSE TIME OF FIRST VEHICLE

Response time is the period of time from the receipt of the alarm by the fire department to the arrival of the first vehicle at the scene of the incident. Confirmation of arrival time should be by radio or recording wherever possible.

CODES:

- 1 One to three minutes inclusive
- 2 Four to five minutes inclusive
- 3 Six to eight minutes inclusive
- 4 Nine to ten minutes inclusive
- 5 Eleven to fifteen minutes inclusive
- 6 Sixteen to twenty minutes inclusive
- 7 Twenty-one to thirty minutes inclusive
- 8 Over thirty minutes
- 0 Unknown or not applicable

ACTION TAKEN

Action Taken refers to the action taken to combat the fire and should be coded according to one of the classifications listed below.

CODES:

- 1 Extinguished by Occupant, Passer By
- 2 Burned Out - no extinguishment attempted
- 3 Extinguished by Fire Department
- 4 Extinguished by Automatic System
- 9 Action Taken - unclassified
- 0 Action Taken - unknown

METHOD OF FIRE CONTROL & EXTINGUISHMENT

Method of Fire Control and Extinguishment refers to the method whereby the fire was controlled and extinguished and should be coded according to one of the classifications listed below. If this involves several methods, only code that method which essentially controlled or extinguished the fire.

CODES:

10 HAND HELD EXTINGUISHER

- 11 Water Pump Tank
- 12 Water Pressurized
- 13 Water Soda-Acid
- 14 Foam
- 15 Vapourizing Liquid/Halon
- 16 Carbon Dioxide
- 17 Dry Chemical
- 18 Multi-Purpose Dry Chemical
- 19 Hand Fire Extinguisher - unclassified

20 STANDPIPE SYSTEM

- 21 Small Hose - 38mm nominal size, straight stream nozzle
- 22 Small Hose - 38mm nominal size, combination nozzle
- 23 Large Hose - 65mm nominal size, straight stream nozzle
- 24 Large Hose - 65mm nominal size, combination nozzle
- 25 Continuous Flow Hose - less than 38mm, straight stream nozzle
- 26 Continuous Flow Hose - less than 38mm, combination nozzle
- 29 Standpipe System - unclassified

30 "MAKESHIFT" FIRE FIGHTING AIDS

- 31 Garden Hose
- 32 Water Bucket
- 33 Small Water Container
- 34 Sand Bucket
- 35 Dry Chemical & Scoop
- 36 Baking Soda
- 37 Smothering by Covering
- 38 Snow
- 39 "Makeshift" Fire Fighting Aid - unclassified

40 FIRE DEPARTMENT – WATER (Includes Class A Foam)

- 41 Booster Hose - 25mm or less
- 42 38mm,44mm Hose - 1 hoseline
- 43 38mm, 44mm Hose - 2 or more hoselines
- 44 65mm Hose - 1 hoseline
- 45 65mm Hose - 2 or more hoselines
- 46 77mm or Larger Hose - 1 or more hoselines
- 47 Combinations of 38mm, 65mm, 77mm or larger hoselines
- 48 Portable Water Deluge Set

- 49 Fire Department - Water - unclassified
- 50 FIRE DEPARTMENT - OTHER THAN WATER**
 - 51 Crash-Fire Foam Vehicle - using monitor
 - 52 Crash-Fire Foam Vehicle - using handlines
 - 53 Pumper - foam handlines only, via eductor
 - 54 Vehicle, Combination Foam-Dry Chemical
 - 55 Vehicle, Dry Chemical - under 450Kg
 - 56 Vehicle, Dry Chemical - 450Kg & over
 - 57 Pumper – foam equip 1 hoseline (Class B Foam)
 - 58 Pumper – foam equip 2 or more Hoselines (Class B Foam)
 - 59 Fire Department - Other Than Water - unclassified
- 60 SPRINKLER SYSTEM**
 - 61 Wet Pipe System - Includes central station supervised, standard watchman service, or alarm connection to fire department.
 - 62 Wet Pipe System - local alarm only
 - 63 Dry Pipe System - Includes central station supervised, standard watchman service, or alarm connection to fire department.
 - 64 Dry Pipe System - local alarm only
 - 65 Pre-Action System - Includes central station supervised, standard watchman service, or alarm connection to fire department.
 - 66 Pre-Action System - local alarm only
 - 67 Engineered System
 - 69 Sprinkler System - unclassified
- 70 FIXED SYSTEM OTHER THAN SPRINKLERS**
 - 71 Carbon Dioxide System
 - 72 Dry Chemical System
 - 73 Halon System
 - 74 Conventional (Protein) Foam System
 - 75 High Expansion Foam System
 - 76 Foam-Water System
 - 77 Water Spray System
 - 79 Fixed System Other Than Sprinklers - unclassified
- 80 BURNED OUT**
 - 81 Completely Burned Out Before Arrival of Fire Department
 - 82 Incapable of Control by Fire Department on Arrival
 - 83 Burnt Out, no extinguishment, no Fire Department
 - 89 Burned Out - unclassified
- 90 MISCELLANEOUS**
 - 91 Portable High Expansion Foam Generator
 - 92 Carbon Dioxide Handhose System - 25Kg or more
 - 93 Dry Chemical System - handhose system, 25Kg or more
 - 99 Method of Fire Control & Extinguishment - unclassified
 - 00 Method of Fire Control & Extinguishment - unknown

LEVEL OF ORIGIN

Level of Origin refers to the floor or area where the fire originated. If there are no intervening floors or irregularly spaced floors, it refers to the height above grade where the fire originated. On an exposure report, the level of origin will be based on the original fire.

CODES:

- 1 Basement, Sub-Basement
- 2 Crawl Space, Under Structure
- 3 Ground Floor, Grade Level or Grade to 3m
- 4 2nd Storey or Over 3m to 6m Above Grade
- 5 3rd Storey or Over 6m to 9m Above Grade
- 6 4th to 12th Storey (Inclusive) or Over 9m to 36m Above Grade
- 7 Over 12 Storey or Over 36m
- 8 Roof Level - Includes concealed roof space, attic
- 9 Level of Origin - not applicable (includes vehicle)
- 0 Level of Origin - unknown

AREA OF ORIGIN

Area of Origin of Fire refers to the specific use or occupancy of that part of the Property where the fire originates and not necessarily to the overall use or occupancy of the Property.

This list is flexible to fit the several different buildings classified under "Property Classification". Items 00-79 (inclusive) refer to areas inside or connected to buildings. Vehicles and areas outside of buildings are classified under 80-89 and 90-99 respectively.

NOTE:

If the fire originates from a completely detached segregated building, structure or facility or from an outside open area, then specify the appropriate code under Structural Area.

On an exposure report, the area of origin will be base on the original fire.

CODES:

1 MEANS OF EGRESS

- 01 Hallway, Corridor
- 02 Stairway, Exterior - Includes fire escape, ramp
- 03 Stairway, Interior - Includes ramp
- 04 Escalator
- 05 Lobby, Entrance Way
- 06 Elevator - Includes shaft and machinery room
- 09 Means of Egress - unclassified or unknown

10 ASSEMBLY, FAMILY, SALES AREA (GROUPS OF PEOPLE)

- 11 Large Assembly Area - over 60 people - fixed seats
Includes ballroom.
- 12 Large Assembly Area - over 60 people - non-fixed seats
Includes ballroom.
- 13 Small Assembly Area - 60 people or less - Includes classroom, meeting room with or without fixed seats.
- 14 Lounge, Living Room - Includes music room, common room, TV room, den, recreation room, family room, sitting room.
- 15 Sales, Show Room Area - including shop, excluding display window (28)
- 16 Library, Museum - Includes art gallery
- 17 Sports Facility - Includes gymnasium, swimming pool, bowling alley, curling rink, billiard hall.
- 18 Covered Court, Atrium, Mall Concourse
- 19 Assembly, Sales Area - unclassified or unknown

20 FUNCTION AREA

- 21 Sleeping - under 5 occupants - Includes patients' room, bedroom, cell, lockup.
- 22 Sleeping - 5 or more occupants - Includes ward, dormitory, barracks.
- 23 Dining Area - Includes mess room, canteen, lunch room, cafeteria

- 24 Bar, Beverage Area
- 25 Washroom, Locker Area - Includes checkroom, cloakroom, rest room, bathroom, powder room, toilet, shower room, sauna bath.
- 26 Office
- 27 Laboratory
- 28 Display Windows
- 29 Printing & Photographic Reproduction
- 30 Electronic Equipment Communication Room - Includes radar room, telephone switchboard.
- 31 Kitchen Cooking Area
- 32 Laundry Area - Includes wash house
- 33 First-Aid, Treatment Area - Includes minor surgery
- 34 Operating Room - Includes recovery room, operating theatre
- 35 Electronic Equipment Room - Includes electronic computer area, data processing centre.
- 36 Performance Area - Includes stage, ice rink, boxing ring, basketball floor, studio.
- 37 Backstage, Dressing Room
- 38 Process, Manufacturing Area
- 39 Function Area - unclassified or unknown

40 STORAGE AREA - INSIDE BUILDING

- 41 Product Storage Area - Includes all areas where products are held awaiting process, shipment, use or sale, storage tanks.
- 42 Closet - Includes lockers
- 43 Supplies, Equipment Area - Includes tool room, maintenance supply room, supply room, dead storage room.
- 44 Records Storage Area - Includes vaults
- 45 Shipping, Receiving Area - Includes packing departments, mail room, loading bar or area, shipping platform.
- 46 Trash, Rubbish Area - Includes wastepaper, industrial waste, garbage. Excludes incinerator room and chute classified under 64.
- 47 Vehicle Storage - Includes garage, carport. Excludes outside parking area classified under 93.
- 48 Agricultural Products Storage
- 49 Storage Area - unclassified or unknown

50 SERVICE FACILITIES

- 51 Dumbwaiter, Conveyor Shaft
- 52 Service Shaft - Includes pipe, conduit, vent, Excludes duct (55, 56, 57)
- 53 Chute - Excludes flue-fed incinerator loading chute (64)
- 54 Pipe, Piping - Includes transmission pipelines
- 55 Duct - heating, air conditioning
- 56 Duct - cooking
- 57 Duct - laboratory fume exhaust
- 58 Chimney, Flue Pipe, Gas Vent
- 59 Service Facilities - unclassified or unknown

- 60 SERVICE & EQUIPMENT AREA**
- 61 Machinery Room - Includes elevator machinery room, engine room, pump room, header house, refrigeration room.
 - 62 Heating Equipment Room - Includes furnace room, water heater closet, boiler room.
 - 63 Transformer Vault - Includes ancillary switchgear
 - 64 Incinerator Room - Includes all incinerator operations, chute
 - 65 Maintenance Shop - Includes repair shop, welding shop, workshop, carpentry shop, electrical shop, plumbing shop.
 - 66 Paint Shop
 - 67 Test Cell
 - 68 Projection Room
 - 69 Service & Equipment Area - unclassified or unknown
- 70 STRUCTURAL AREA**
- 71 Crawl Space - Includes sub-structure space, attic
 - 72 Exterior Balcony - Includes open porch
 - 73 Ceiling & Floor Assembly - Includes concealed floor/ceiling space
 - 74 Ceiling & Roof/Ceiling Space
 - 75 Wall Assembly - Includes concealed wall space
 - 76 Exterior Wall
 - 77 Exterior Roof
 - 78 Awning, Canopy
 - 79 Structural Area - unclassified or unknown
- 80 VEHICLE AREA**
- 82 Vehicle - engine area - Includes running gear, wheels
 - 83 Vehicle - fuel area - Includes fuel line
 - 84 Vehicle - control area - Includes the bridge of ships, cockpit of planes, cab or truck operating area. Excludes dining area of vehicles openly communicating with passenger area classified under 85.
 - 85 Vehicle - passenger area
 - 86 Vehicle - cargo area - Includes trucks and autos
 - 89 Vehicle Area - unclassified or unknown
- 90 OUTSIDE AREA**
- 91 Open Area - Includes lawn, field, farmyard, park, pier, wharf
 - 92 Court, Patio, Terrace
 - 93 Parking Area
 - 94 Storage Area - Excludes outside trash or rubbish storage (95)
Includes outdoor shipping facilities other than loading platforms attached to buildings.
 - 95 Trash, Rubbish Area
 - 99 Outside Area - unclassified or unknown
- 00 UNKNOWN**
- 00 Area of Origin - unknown

AREA OF ORIGIN - ALPHABETIC

<u>DESCRIPTION</u>	<u>CODES</u>
Agricultural Products Storage.....	48
Air Conditioning Duct	55
Aisle	11
Arena (Performance Area)	36
Arena (Spectator Area)	11
Art Gallery	16
Assembly Area - Fixed Seats (over 60 people).....	11
Assembly Area - Non-Fixed Seats (over 60 people)	12
Assembly Area - (60 or less people).....	13
Assembly Area, unclassified.....	19
Attic.....	71
Auditorium.....	11
Awning.....	78
Backstage Area	37
Balcony, Exterior	72
Ballroom	12
Bar.....	24
Barrack	22
Bathroom.....	25
Bedroom (5 persons and over)	22
Bedroom (under 5 persons).....	21
Beverage Room/Area.....	24
Billiard Hall	17
Boardroom	13
Boat House.....	49
Boiler Room.....	62
Bowling Alley.....	17
Boxing Ring.....	36
Bus Shelter	13
Cafeteria.....	23
Canopy	78
Canteen	23
Carport	47
Ceiling/Floor Assembly	73
Ceiling/Roof Assembly.....	74
Cell.....	21
Chapel	11
Checkroom.....	25
Chimney - Masonry.....	57
Chimney - Factory Built metal.....	58
Chute, Laundry, Garbage, Mail.....	53
Classroom	13

DESCRIPTIONCODES

Cloakroom.....	25
Closet	42
Coal Bin	49
Communication Room, Electronic.....	30
Computer Room/Area.....	35
Concealed Ceiling/Room Space	74
Concourse	18
Conduit Service Shaft	52
Control Centre.....	30
Conveyor Shaft	51
Cooking Area	31
Cornice.....	77
Corridor.....	01
Court	92
Covered Courts	18
Crawl Space, Sub-Structure	71
Cupboard.....	42
Curling Rink.....	17
Dance Hall	12
Data Processing Area	35
Den.....	14
Dining Room/Area.....	23
Display Window	28
Dormitory.....	22
Dressing Room.....	37
Duct: Cooking or other exhaust	56
Duct: Heating, Air Conditioning.....	55
Egress, Means of, Unspecified.....	09
Electrical Shop	65
Electronic Equipment Room/Area.....	35
Elevator Car	06
Elevator Machinery Room	06
Elevator Shaft.....	06
Engine Room	61
Entranceway.....	05
Equipment Area, Unspecified.....	69
Escalator.....	04
Exterior Balcony	72
Exterior Roof Surface	77
Exterior Wall Surface	76

DESCRIPTION

CODES

Family Room.....14
Farmyard91
Field81
File Room.....44
Fire Escape.....02
First-Aid Room33
Floor/Ceiling Assembly73
Floor Space Concealed.....73
Fuel Line, Vehicle.....83
Fuel Tank, Vehicle.....83
Fume Hood.....57
Function Area, Unspecified39
Furnace Room.....62

Gallery, Art16
Garage47
Garbage Room/Area46
Garbage Chute.....53
Greenhouse39
Gymnasium17

Hall, Dance12
Hallway01
Header House.....61
Heating Duct55
Heating Equipment Room/Area.....62

Ice Rink.....36
Incinerator Room/Area64
Industrial Waste46

Kitchen.....31
Kiosk.....39

Laboratory.....27
Laundry Room/Area.....32
Laundry Chute.....53
Lavatory25
Lawn.....91
Lecture Hall/Area (over 60 persons).....11
Lecture Room/Area (60 persons and under)13
Library.....16
Light Shaft.....52
Livestock Storage Area.....49
Living Room14

DESCRIPTION

CODES

Loading Area/Bay45
Lobby05
Locker42
Locker Room.....25
Lockup21
Lounge14
Lumber Yard.....94
Lunchroom23

Machinery Room/Area.....61
Machinery Room, Elevator06
Mail Chute53
Mail Room45
Maintenance Shop/Area.....65
Maintenance Supply room43
Mall18
Manufacturing Area38
Means of Egress, Unspecified.....09
Mechanical Room61
Meeting Room13
Mess Room23
Museum.....16
Music Room.....14

News-Stand39

Office26
Open Area91
Operating Room/Theatre.....34
Outdoor Area, Unspecified99
Outside Area91

Packing Room/Area45
Paint Shop66
Park91
Parking Area93
Parlour.....14
Patients' Room (5 persons and over).....22
Patients' Room (under 5 persons)21
Patio92
Performance Area36
Photographic and Printing Reproduction Room/Area29
Pipe Shaft52
Playing Field91
Plumbing Shop.....65

DESCRIPTION

CODES

Pool, Swimming.....17

Porch, Entranceway.....05

Porch, Open.....72

Powder Room.....25

Printing and Photographic Reproducing Room/Area29

Process Area.....38

Products Storage Room Area.....41

Projection Room/Area68

Pump Room61

Radar Room30

Ramp, Exterior.....02

Ramp, Interior03

Receiving Room/Area.....45

Record Storage Room44

Recovery Room.....34

Recreation Room/Area.....14

Refrigerator Room61

Repair Shop.....65

Rest Room.....25

Rink, Curling.....36

Rink, Ice36

Roof Surface, Exterior77

Rubbish Area, Inside.....46

Rubbish Area, Outside95

Sales Room/Area15

Sauna Bath25

Seating Area, Fixed Seats (over 60 persons)11

Seating Area, Portable Seats (over 60 persons)12

Seating Area, Portable or Fixed Seats (60 or less persons)13

Service Equipment Area, unclassified69

Service Facility, Unspecified59

Service Shaft52

Shaft, Conduit52

Shaft, Conveyor51

Shaft, Dumbwaiter51

Shaft, Elevator.....06

Shaft, Light.....52

Shaft, Pipe.....52

Shaft, Service52

Shipping Room/Area45

Shop Exhaust Duct/Hood.....57

Shower Room/Area.....25

Sick Bay21

DESCRIPTION

CODES

Sitting Room14

Sleeping Area (5 persons and over)22

Sleeping Area (under 5 persons)21

Smoke Pipe58

Snack Bar23

Solarium14

Sports Facility17

Stadium, Stands11

Stadium, Playing Field91

Stage36

Stairway, Exterior02

Stairway, Interior03

Storage Room/Area43

Storage Room/Area, General49

Storage Room, Unspecified49

Storage Room, Records44

Storage Tank41

Storage Area, Vehicle47

Studio, Audience11, 12, 13

Studio, Performance36

Structural Area, Unspecified79

Sunroom14

Supply Room43

Supply Room, Maintenance43

Surgery, Minor Treatment Room33

Swimming Pool17

Switchgear Room/Area63

Tank, Storage, Flammable Liquid, Inside41

Tank, Storage, Flammable Liquid, Outside99

Telephone Booth39

Telephone Switchboard30

Television Room14

Tent, Assembly12, 13

Test Cell67

Theatre11

Toilet25

Tool Room43

Transformer Vault/Room63

Trash Area, Inside46

Trash Area, Outside95

Treatment Room33

Vault, Record Storage44

Vault, Transformer63

DESCRIPTION

CODES

Vehicle, Engine Area or Running Gear, Wheels82
Vehicle, Fuel Area, Fuel Line83
Vehicle, Fuel Tank83
Vehicle, Cargo Area.....86
Vehicle, Passenger Area85
Vehicle, Trunk or Load Carrying Gear86
Vehicle, Operating Cab.....84

Wall Assembly75
Wall Space, Concealed75
Wall Space, Exterior76
Ward.....22
Wash House32
Washroom25
Wastepaper Room/Area46
Water Heater Closet62
Welding Shop.....65
Window Display28
Woodshed94
Woodworking Shop/Area65
Worship, Place of (over 60 persons).....11
Worship, Place of (60 persons and under)13
Workshop.....65

Yard, Farm91

OCCUPANT OF AREA OF ORIGIN

Occupant of Area of Origin refers to the occupant of the area where the fire occurs whether or not the occupant is present at the time of the fire, and should be coded according to one of the classifications listed below.

If Occupant or Area of Origin is known but the description is not included in the classifications listed below, code under 9.

CODES:

- | | |
|---|---|
| 1 | Owner or Employee |
| 2 | Lessee, Renter, Guest |
| 3 | Maintenance Staff for Repair, Renovation |
| 4 | Contractor on Premises |
| 5 | Trespasser |
| 6 | Unoccupied includes only property left unoccupied over 60 days. |
| 7 | Vacant includes only property without contents |
| 9 | Occupant of Area of Origin - unclassified |
| 0 | Unknown or Not Applicable |

ACT OR OMISSION

It is not only the Igniting Object, the Fuel or Energy in conjunction with it, or the Fuel, or Energy Causing Ignition, which result in a fire; there is also a set of circumstances precipitated by human acts (something is done) or human omissions to act (something which has not been done).

The purpose of this classification is to indicate these acts or omissions, be they deliberate or negligent. It includes such actions as incendiary acts and negligent use of fuel sources, equipment or materials. It also includes such factors as mechanical failures which may have resulted from human omissions through lack of maintenance, or through design, construction or installation deficiencies.

"Young offender" refers to the term as defined by the Young Offenders Act of the Canadian Criminal Code.

Act or Omission should be coded according to one of the classifications listed below.

CODES:

10 INCENDIARY FIRES OR "SET" FIRES

- 11 Incendiary fire
- 12 Incendiary fire - Young offenders
- 13 Suspicious
- 14 Suspicious - Young offenders
- 15 Riot, Civil Disturbance
- 19 Unclassified or unknown

20 MISUSE OF SOURCE OF IGNITION

- 21 Smokers' Material
- 22 Thawing
- 23 Inadequate Control of "Open" Fire
- 24 Child (11 and under) Playing With Source of Ignition
- 25 Welding or Cutting too Close
- 26 Torch too Close
- 29 Misuse of Source of Ignition - unclassified or unknown

30 MISUSE OF MATERIAL IGNITED

- 31 Fuel Spilled Accidentally
- 32 Improper Fueling Technique
- 33 Flammable Liquid to Kindle Fire
- 34 Cleaning, Washing Parts
- 35 Improper Container
- 36 Careless Cooking Involving Overheated Cooking Oil, Grease, Wax
- 37 Combustible Placed too Close to Heat
- 38 Improper Storage
- 39 Misuse of Material Ignited - unclassified or unknown

40 MECHANICAL/ELECTRICAL FAILURE/MALFUNCTION

- 41 Part Failure, Leak, Break
 - 42 Automatic Control Failure
 - 43 Manual Control Failure
 - 44 Electrical Short Circuit
 - 45 Lack of Maintenance
 - 46 Part Worn Out
 - 47 Backfire
 - 49 Mechanical/Electrical Failure/Malfunction - unclassified or unknown
- 50 CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY**
- 51 Design Deficiency
 - 52 Construction Deficiency
 - 53 Installed too Close to Combustible
 - 54 Other Installation Deficiency
 - 55 Over Fusing
 - 56 Suspected Faulty Connection Involving Aluminum Wiring
 - 57 Suspected Faulty Connection Involving Copper Wiring
 - 59 Construction, Design or Installation Deficiency - unclassified or unknown
- 60 MISUSE OF EQUIPMENT**
- 61 Overfuelling
 - 69 Misuse of Equipment - unclassified or unknown
- 70 HUMAN FAILING**
- 71 Asleep - Excludes suspected use of alcohol, drugs or medication classified under 76.
 - 72 Temporary Loss of Judgement Suspected - Includes panic
 - 73 Physical or Mental Disability
 - 74 Accident
 - 75 Suspected Impairment - use of alcohol, drugs or medication
 - 76 Asleep - suspected use of alcohol, drugs or medication
 - 78 Distracted, Preoccupied
 - 79 Human Failing - unclassified or unknown
- 80 VEHICLE ACCIDENT**
- 81 Automobile
 - 82 Industrial Truck
 - 83 Other Road Vehicle
 - 84 Rail Vehicle
 - 85 Watercraft
 - 86 Aircraft
 - 89 Vehicle Accident - unclassified or unknown
- 90 MISCELLANEOUS ACT OR OMISSION**
- 91 Rekindle
 - 92 Spontaneous Combustion
 - 93 Lightning

- 94 Careless Cooking, Excludes overheated Cooking Oil, Grease, Wax
classified under 36
- 99 Miscellaneous Act or Omission - unclassified
- 90 Act or Omission - unknown
- 95 Careless Cooking - prior to 1997

IGNITION OBJECT

The Igniting Object is the actual equipment device or item which brings about ignition. The actual classification system is contained herein.

If there is no Igniting Object, code under 01. For example, if an electrical discharge from a transformer ignited the roof of a house, the igniting object would be the transformer, use code 52.

NOTES:

- a) Igniting Object refers to the complete equipment and not to component parts
- b) In the case of an exposure fire, code under 81-89.

CODES:

00 GENERAL

01 No Igniting Object

02 COOKING EQUIPMENT

02 Stove, Range, Top Burner Area - involving fire in pan

03 Stove, Range, Top Burner Area - Involving fire in domestic deep fat fryer or pot.

04 Stove, Range, Top Burner Area - involving other circumstances

05 Oven of Stove, Range

06 Chafing Dish, Fondue

07 Deep Fat Fryer - separate appliance

08 Smoker (meat, fish, etc.)

11 Fry Pans, Grill Not On Stove

12 Other Portable Cooking Unit - Includes hot plate, camp stove

13 Open Fired Broiler, Fixed Type

14 Open Fired Broiler, Portable Type - Includes barbecue

15 Portable Food Warming Appliance - Includes steam table, warming drawer, warming table,

16 Toaster, Waffle Iron

17 Electric kettle, coffee urn

18 Microwave oven

19 Cooking Equipment - unclassified or unknown

20 HEATING EQUIPMENT

21 Central Heating Unit - Includes furnace, boiler, stoker

22 Service Water Heater

23 Stationary Space Heater - Includes wall furnace, unit heater, room heater, heating stove, baseboard heater.

24 Portable Space Heater - Includes room heater, salamander

25 Fireplace

26 Chimney, Masonry

27 Flue Pipe, Vent Connector

28 Chimney, Factory-Built, Metal

29 Heating Equipment - unclassified or unknown

30 APPLIANCES & EQUIPMENT

- 31 Television, Picture Receiving or Reproducing Equipment - Includes VCR's
- 32 Radio, Stereo Phonograph, Tape Recorder
- 33 Clothes Dryer
- 34 Washing Machine
- 35 Central Air Conditioning & Refrigeration Equipment
- 36 Individual Air Conditioner or Dehumidifier
- 37 Individual Refrigeration Unit - Includes refrigerator, freezer, refrigerated vending machine.
- 38 Pressing Iron - Includes ironing machine
- 39 Portable Generator
- 41 Lawnmower
- 42 Snowblower
- 43 Electric Blanket, Heating Pad
- 44 Incinerator
- 45 Heat tape
- 46 Interior vehicle heater (includes vehicle block heater)
- 47 Grain Dryer
- 48 Heat Lamp
- 49 Appliance & Equipment - unclassified or unknown

50 ELECTRICAL DISTRIBUTION EQUIPMENT

- 51 Permanent Electric Wiring, Cable - Includes power line, junction box.
- 52 Transformer
- 53 Switchgear - Includes power switchgear only
- 54 Panelboard, Switchboard - Includes fuse, circuit breaker
- 55 Switch, Outlet - Includes receptacle, socket
- 56 Temporary Electric Wiring, Cable - Includes extension cord, appliance cord.
- 57 Signal, Telephone Equipment - Includes low voltage wiring
- 58 Battery, Rectifier - Includes charger, rotary converter
- 59 Electrical Distribution Equipment - unclassified or unknown

60 OTHER ELECTRICAL EQUIPMENT

- 61 Motor, 1HP & Over - Includes motor forming an integral part of an appliance or separated by belt, chain or connecting shaft, generator motor. Excludes air conditioning and refrigeration equipment classified under 35, 36, or 37, dryer classified under 33, washing machine classified under 34, central heating unit classified under 21, lawnmowers classified under 41, snowblowers classified under 42.

- 62 Motor Under 1HP - Includes motor forming an integral part of an appliance or separated by a belt, chain or connecting shaft, generator motor. Excludes air conditioning and refrigeration equipment classified under 35, 36, or 37, dryer classified under 33, washing machine classified under 34, central heating unit classified under 21, lawnmowers classified under 41, snowblowers classified under 42.
- 63 Electronic Communications Equipment
- 64 Electronic Data Processing Equipment - Includes digital and analog computers, electronic sorting equipment, electronic data processing equipment. Excludes communications equipment classified under 57 and 63.
- 65 Incandescent Lamp, Lightbulb - Includes lantern, flashlight
- 66 Fluorescent Lamp - Includes ballast
- 67 Video game equipment
- 68 Photocopier or computer printer
- 69 Electrical Equipment - unclassified or unknown

70 SMOKER'S MATERIAL & "OPEN" FLAME

- 71 Smoker's Material
Includes cigarette, pipe, cigar and/or matches, lighter when used in conjunction with smoking.
- 72 Match - not used in conjunction with smoking
- 73 Lighter - not used in conjunction with smoking
- 74 Lamp, Lantern - Excludes electric lamp, lanterns (65)
- 75 Candle, Taper
- 76 Cutting Torch and Welding Equipment
- 77 Torch - other than cutting, welding
Includes plumber's furnace, blow torch, plumber's torch, burner, soldering iron, paint stripping torch.
- 78 Hot Ashes, Embers - not associated with smoker's material
- 79 Smoker's Material & "Open" Flames - unclassified or unknown

80 EXPOSURE

- 81 Exposure, Structure Attached
- 82 Exposure, Structure Detached
- 83 Exposure, Lumber Yard
- 84 Exposure, Outside Storage Container, Tank
- 85 Exposure to "Open" Fire - Includes campfire, bonfire, warning flare, rubbish fire, "open" incinerator.
- 86 Exposure, Forest, Trees
- 87 Exposure, Grass, Shrub, Brush, Scrub
- 89 Exposure - unclassified or unknown

90 MISCELLANEOUS

- 90 Internal Combustion Engine - Includes exhaust system

- 91 Heat Treatment Equipment - Includes furnace, oven, quench tank, casting, molding, forging equipment.
- 92 Industrial Oven - Includes kiln. Excludes oven used for food preparation classified under 5 or 6, heat treatment oven classified under 91.
- 93 Printing, Photographic Equipment
- 94 Explosive - Includes blasting agent and all material so defined under the "Explosives Act".
- 95 Fireworks - Includes sparklers and flares
- 96 Bearing, Belting, Conveyor, Brake
- 97 Commercial & Industrial Machinery, Equipment
Includes sawing, planing, grinding, forming, opening, picking, carding, garning, weaving machinery, tar-pot. Excludes appliances and equipment classified under 31 to 49, other electrical equipment classified under 51 to 59.
- 98 Chemical Reaction, Spontaneous Combustion
- 99 Miscellaneous Igniting Object - unclassified (includes Molotov Cocktail)
- 00 Igniting Object - cannot be determined

IGNITING OBJECT - ALPHABETIC

<u>DESCRIPTION</u>	<u>CODES</u>
Air Conditioning Equipment, Central.....	35
Air Conditioning Unit, Local.....	36
Aircraft Engine Heater.....	29
Anaesthetic Equipment.....	49
Appliance, Electric, Unspecified.....	49
Appliance, Non-Electric, Unspecified.....	49
Arc Lamp.....	69
Ashes, Hot.....	78
Asphalt Kettle.....	99
Asphalt Saturating Equipment.....	99
Ballast, Electrical, with Fluorescent Fixture.....	66
Barbecue.....	14
Baseboard Heater.....	23
Bath, Heat Treatment Salt.....	91
Battery.....	58
Bearing.....	96
Belt, Belting.....	96
Biomedical Equipment.....	49
Blanket, Electric.....	43
Blasting Agent.....	94
Block Heater.....	46
Blow Torch.....	77
Boiler, Central.....	21
Boiler, Power.....	21
Bonfire, Exposure from.....	85
Brake.....	96
Broiler, Fixed or Stationary.....	13
Broiler, Portable, including Barbecue.....	14
Brooder.....	29
Brush Fire, Exposure from.....	87
Building, Attached, Exposure from.....	81
Building, Detached, Exposure from.....	82
Bunsen Burner.....	77
Cable, Electric, Permanent.....	51
Cable, Electric, Temporary.....	56
Camp Stove.....	12
Campfire, Exposure from.....	85
Candle.....	75
Casting Equipment.....	91
Cathode Ray Tube.....	63
Central Heating Unit.....	21
Charger, Battery.....	58

DESCRIPTION

CODES

Chemical Reaction98
Chimney, Factory-built, Metal28
Chimney, Masonry26
Cigar71
Cigarette71
Cigarette Lighter, Non-Smoking Use72
Cigarette Lighter, Smoking Use.....71
Circuit Breaker54
Clothes Dryer33
Coals, Hot78
Coating Machine99
Coffee Grinder, Electric49
Coffee Urn15
Compressor97
Computer.....64
Conveyor96
Cooking Stove.....02, 03, 04
Cooking Unit, Portable12
Cord, Electric56
Cutting Torch75

Data Processing Equipment64
Deep Fat Fryer.....07
Dehumidifier36
Dipping, Paint99
Dryer, clothes33
Dryer, grain47
Dynamite.....94

Electric Appliance, Equipment, Unspecified.....49
Electric Blanket.....43
Electric Cord56
Electric Kettle15
Electric Motor, Generator, 1 HP and over61
Electric Motor, Generator, Under 1 HP62
Electric Outlet55
Electric Plug.....56
Electric Receptacle.....55
Electric Switch55
Electric Wiring, Cable51
Electric Wiring, Cable, Permanent51
Electric Wiring, Cable, Temporary.....56
Electronic Equipment, Communication.....63
Electronic Equipment, Data Processing.....64
Embers, Hot78

DESCRIPTION

CODES

Engine, Heater, Aircraft29
Engine, Internal Combustion90
Equipment, Commercial and Industrial97
Equipment, Electrical, Unspecified69
Equipment, Non-Electrical, Unspecified99
Explosive94
Exposure, Building, Attached81
Exposure, Building, Detached82
Exposure, Forest Fire86
Exposure, Grass and Brush Fire.....87
Exposure, Outside Tank or Container.....84
Exposure, Rubbish Fire, Bonfire85
Exposure, Unspecified89
Extension Cord56

Factory-Built Chimney.....28
Film Projector49
Fireplace.....25
Fireworks95
Flare, Warning85
Flashlight.....65
Flow-Coating Equipment.....92
Flue Pipe27
Fluorescent Light, Including Ballast66
Food Warming Appliance.....15
Forest Fire, Exposure from86
Forge91
Forming Machine.....97
Freezer.....37
Fryer, Deep Fat.....03, 07
Furnace, Central21
Furnace, Heat Treating.....91
Furnace, Industrial91
Furnace, Wall23
Fuse, Electric.....54

Gas Lamp, Lantern.....73
Gas Vent.....26
Grain Dryer47
Grass Fire, Exposure from87
Grill, Open Fired, Fixed or Stationary13
Grill, Open Fired, Portable.....14
Grinding Machine97
Heat Lamp.....48
Heat Treatment Equipment.....91

DESCRIPTION

CODES

Heat Treatment Salt Bath.....91
Heater, Aircraft Engine29
Heater, Portable, Unspecified24
Heater, Space, Room, Portable24
Heater, Space, Room, Stationary23
Heater, Water22
Heating Equipment, Central.....21
Heating Pad.....43
Heating Pipe.....29
Home Appliance, Electrical, Unspecified.....49
Home Appliance, Non-Electrical, Unspecified.....49
Hot Ashes, Coals.....78
Hot Plate.....12
Hot Water Heater22
Hot Water Pipe.....29

Incandescent Lamp.....65
Incinerator44
Incinerator "Open", Exposure from85
Incubator29
Industrial Furnace, Including Heat Treatment91
Industrial Oven, Excluding Heat Treatment92
Iron, Pressing38
Iron, Soldering77
Internal Combustion Engine90
Inverter, Electric.....58

Junction Box, Electric.....51

Kettle, Electric15
Kiln92

Lamp, Arc69
Lamp, Fluorescent, Including Ballast66
Lamp, Incandescent.....65
Lamp, Open Flame.....73
Lantern, Electric.....65
Lantern, Gas, Oil.....74
Lighter, Cigarette, Non-Smoking Use73
Lighter, Cigarette, Smoking Use.....71
Lighter, Electric77
Lighting Fixture, Fluorescent.....66
Lighting Fixture, Incandescent.....65
Lightning (not involving any other source of ignition).....01
Lumberyard, Exposure from83

DESCRIPTION

CODES

Machine, Office, Electric69
Machine, Picking, Carding, Weaving97
Machine, Working97
Machinery97
Match, Non-Smoking Use72
Match, Smoking Use.....71
Miscellaneous, Unspecified99
Motor, Electric, 1 HP and Over61
Motor, Electric, Under 1 HP62
Molding Equipment91

Office Appliance, Equipment, Electrical69
Office Appliance, Equipment, Non-Electrical99
Oil Lamp, Lantern73
Open Fire, Exposure from.....85
Open Flame Device, Unspecified79
Open Incinerator, Exposure from.....85
Open Trash Burner, Exposure from.....85
Outlet, Electric55
Outside Storage Container, Tank, Exposure from84
Oven, Cooking, Fixed, Stationary.....05
Oven, Industrial.....92

Paint Spraying Equipment99
Paint Stripping Torch.....77
Painting Equipment.....99
Panel, Electric54
Paper Machine97
Phonograph32
Photographic Reproduction Equipment.....93
Photo-Electric Cell.....64
Pipe, Smoking Use.....71
Planing Machine97
Plug, Electric.....56
Plumber's Torch77
Portable Heater.....24
Power Boiler21
Pressing Iron38
Printing Press93
Projector, Film49
Quench Tank.....91

Radar Equipment63
Radio.....32

DESCRIPTION

CODES

Range, Cooking.....02, 03, 04
Receptacle, Electric.....55
Record Player.....32
Recorder, Tape.....32
Rectifier.....58
Refrigeration Equipment, Central.....35
Refrigerator.....37
Room Heater, Portable.....24
Room Heater, Stationary.....23
Rotary Converter.....58
Rotisserie.....05
Rubbish Fire, Exposure from.....85

Salamander.....24
Sawing Machinery.....97
Service Water Heater.....22
Sign, Electric.....69
Signal Equipment.....57
Smoke Pipe.....71
Smoker's Material, Unspecified.....79
Soldering Iron.....77
Space Heater (Room Heater), Portable.....24
Space Heater (Room Heater), Stationary.....23
Sparkler.....95
Spontaneous Combustion.....98
Spotlight.....65
Steam Pipe.....29
Steam Table.....15
Stereo.....32
Stoker.....21
Stove, Cooking.....02, 03, 04
Stove, Space Heating.....23
Structure, Attached, Exposure from.....81
Structure, Detached, Exposure from.....82
Switch, Electric.....55
Switchboard, Electric.....54
Switchgear.....53

Tape Recorder.....32
Taper.....74
Tar Pot.....99
Telephone Equipment.....57
Television.....31
Temporary Wiring.....56
Tire.....99

DESCRIPTION

CODES

Toaster.....16
Torch, Cutting.....75
Transformer.....52
Transistor63
Trash Burner, Open, Exposure from.....85

Unit Heater.....23

Vacuum Tube.....63
VCR31
Vending Machine, Non-Refrigerated.....49
Vending Machine, Refrigerated.....37
Vent Connector27
Vent Gas.....26
Video Game Equipment.....67

Waffle Iron.....16
Wall Furnace.....23
Warming Drawer, Table15
Warming Tray.....12
Washing Machine34
Water Heater22
Welding and Cutting Equipment76
Wiring, Permanent51
Wiring, Temporary.....56

X-Ray Equipment69

FUEL OR ENERGY

Fuel or Energy denotes the fuel or energy normally used in conjunction with the igniting object, and should be coded according to one of the classifications listed below.

NOTES:

- a) If lighting is involved, code under 7, whether or not an igniting object is also involved.
- b) In the case of an exposure fire, code under 8.

EXAMPLE:

If a fire results from gasoline being used to accelerate a coal fired stove, the fuel or energy used in conjunction with the stove (igniting object) is the coal and should be classified under 1.

CODES:

- 1 Coal, Wood - Includes coke, paper or waste used for lighting or incidental burning.
- 2 Fuel Oil - Includes diesel and kerosene
- 3 Gasoline
- 4 Natural Gas or Other Fuel Gases - Includes materials composed predominantly of propane, propylene, acetylene, butane or mixtures of them.
- 5 Smoker's material - Includes lighter and lighter fluid
- 6 Electricity
- 7 Lightning
- 8 Exposure Fire
- 9 Fuel or Energy - unclassified
- 0 Fuel or Energy - cannot be determined

FORM OF HEAT

Form of Heat refers to the energy which associates the igniting object with the Material First Ignited and should be coded to one of the classifications listed below.

NOTES:

- a) If lightning is involved in a fire, code under 3.
- b) In the case of an exposure fire, code under 1, 4 or 6 as applicable.

CODES:

- 1 Spark, ember - Includes flying brand
- 2 Spark, electrical - Includes arc, discharge. Excludes static electrical spark classified under 3.
- 3 Spark, static electrical - Includes lightning
- 4 Direct flame
- 5 Friction heat
- 6 Hot object - Direct heat by conduction or radiation, no direct contact with flames or embers.
- 7 Spontaneous ignition
- 8 Heat from smoker's material - Excludes match, lighter, classified under 4 when such are used other than in conjunction with smoker's material.
- 9 Energy causing ignition - unclassified
- 0 Energy causing ignition - cannot be determined

MATERIAL FIRST IGNITED

Material First Ignited is the actual material ignited which brings about the fire condition. It does not include the fuel or energy associated with the Igniting Object, except where the Ignition of the fuel itself creates the fire condition. The actual classification system appears on the following pages.

On an exposure report, the material first ignited will be base on the original fire.

CODES:

1 STRUCTURAL COMPONENTS, FINISH MATERIALS

- 1 Roof Covering - wood
- 2 Roof Covering - other than wood
- 3 Exterior Wall Covering, Surface, Finish - Includes eave
- 4 Exterior Trim & Appurtenance - Includes door, porch, platform, balcony.
- 5 Floor Covering - wood
- 6 Floor Covering - linoleum, tile, plastic
- 7 Floor Covering - carpet, rug
- 8 Structural Component - floor, ceiling, roof - Excludes floor covering classified under 5, ceiling covering classified under 13, 14, and 15.
- 9 Structural Component - wall - Excludes exterior wall classified under 3 and 4, interior wall covering classified under 10, 11 and 12.
- 11 Interior Wall Covering - Excludes plastic classified under 12
- 12 Interior Wall Covering, Surface Material - plastic
- 13 Ceiling Covering, Surface Material - wood, high dens. fibreboard
Includes plywood, hardboard, chipboard.
- 14 Ceiling Covering, Surface Material - low density fibreboard
Includes softboard, pulpboard, paperboard.
- 15 Ceiling Covering, Surface Material - plastic
- 16 Insulation - wood, wood product (rigid).
Excludes wood shavings, sawdust classified under 42. Cellulose, classified under 43
- 17 Insulation - plastic - Excludes electric insulation (95)
- 18 Insulation - mineral - Includes binder, envelope
- 19 Structural Components, Finish Materials - unclassified
- 10 Structural Components, Finish Materials - cannot be determined

20 FURNITURE, FURNISHINGS

- 21 Furniture - upholstered - Includes chesterfield, sofa, davenport, couch.
- 22 Furniture - wood (not upholstered) - Includes table, bookcase, desk, chest of drawers, cabinet, dresser, filing cabinet, piano, organ, not upholstered chair.
- 23 Furniture - plastic (not upholstered)
- 24 Ironing Board
- 25 Mattress - Includes hide-a-bed mattress
- 26 Bedding - Includes blanket, sheet, comforter, eiderdown, heating pad, pillow

- 27 Drapery - Includes curtain, blind, tapestry
- 28 Broom, Mop, Brush
- 29 Furniture, Furnishings - unclassified
- 20 Furniture, Furnishings - cannot be determined

30 CLOTHING, TEXTILES

- 31 Clothing - cotton
- 32 Clothing - wool
- 33 Clothing - synthetic fibre - Includes mixed fibres
- 34 Fabric - cotton - Includes finished fibre. Excludes fibre, yarn classified under 81, clothing classified under 31, bedding classified under 26, drapery classified under 27.
- 35 Fabric - wool - Includes finished goods. Excludes fibre, yarn classified under 81, clothing classified under 32, bedding classified under 26, drapery classified under 27.
- 36 Fabric - synthetic fibre - Includes finished goods. Excludes fibre, yarn classified under 81, clothing classified under 33, bedding classified under 26, drapery classified under 27.
- 37 Fur - Includes finished goods
- 38 Tarpaulin - Includes plastic sheeting used as tarpaulin
- 39 Clothing, Textiles - unclassified - Excludes paper clothing (45)
- 30 Clothing, Textiles - cannot be determined

40 WOOD, PAPER PRODUCTS

- 41 Wood - Includes box, barrel, case, finished lumber, plywood. Excludes structural component or finished material classified under furniture, or furnishings classified under Group 20 and felled timber classified under 85.
- 42 Wood Shavings - Includes chippings, sawdust, excelsior, wood wool, wood flour.
- 43 Cellulose insulation
- 44 Paper, Packing Material - Includes shredded paper
- 45 Paper Decoration - Includes napkin, tablecloth, clothing, costume
- 46 Wastepaper - Excludes garbage, trash classified under 96
- 47 Cardboard - Includes carton, box
- 48 Paper Stock - Includes stationery supplies, files, book, magazine, newspaper, writing paper.
- 49 Wood, Paper Products - unclassified
- 40 Wood, Paper Products - cannot be determined

50 FLAMMABLE LIQUIDS, COMBUSTIBLE LIQUIDS

- 51 Gasoline
- 52 Fuel Oil - Includes Grades #1 to #6, kerosene
- 53 Combustible liquid - flashpoint 100EF and over - Includes varsol, shellsol, lubricating oils. Excludes fuel oil classified under 52.
- 54 Flammable Liquid - flashpoint under 100EF - Includes solvent, thinner, lacquer. Excludes gasoline classified under 51.
- 55 Paint, Varnish

- 56 Cooking Oil, Fat - Includes butter, lard, margarine
- 57 Tar, Asphalt - Includes pitch, bitumen
- 58 Polish, Wax
- 59 Flammable Liquids, Combustible Liquids - unclassified
- 50 Flammable Liquids, Combustible Liquids - cannot be determined

60 FLAMMABLE GASES

- 61 Natural Gas
- 62 Propane Air Mixture - Includes butane air mixture
- 63 Propane - Includes butane, liquefied petroleum gases
- 64 Anaesthetic Gas
- 65 Acetylene
- 66 Hydrogen
- 67 Aerosols - Includes hairspray
- 69 Flammable Gases - unclassified
- 60 Flammable Gases - cannot be determined

70 CHEMICALS, PLASTICS, METALS

- 72 Cellulose Nitrate - Includes celluloid, pyroxylin plastic materials
- 73 Plastics - Excludes cellulose nitrate classified under 72
- 74 Oxidizing Material - Includes bleach, hydrogen peroxide
- 75 Magnesium & Alloys
- 76 Titanium, Zirconium & Alloys
- 77 Rubber, Natural & Synthetic - Includes tire, belting
- 78 Ammonium Nitrate
- 79 Chemicals, Plastics, Metals - unclassified
- 70 Chemicals, Plastics, Metals - cannot be determined

80 AGRICULTURAL, FORESTRY PRODUCTS

- 81 Fibres - Includes all natural and synthetic fibres, either raw or in process, natural and synthetic yarn, rope, twine, string, lint.
- 82 Grain, Flour, Sunflower Seeds, Starch, and associated dusts
- 83 Hay
- 84 Tree, Shrub
- 85 Felled Timber - Excludes sawn lumber classified under 41
- 86 Grass, Brush, Leaves
- 87 Manure
- 88 Christmas Tree - Includes cut natural trees, excludes artificial tree classified under 98.
- 89 Agricultural, Forestry Products - unclassified
- 80 Agricultural, Forestry Products - cannot be determined

90 MISCELLANEOUS

- 91 Coal, Coke - Includes patent fuel, charcoal, briquettes, peat, barbecue starter sticks
- 92 Creosote - including in chimney
- 93 Sulphur, gunpowder
- 94 Wood Treatment Oil

- 95 Insulation, Electric - Includes only when confined to electrical equipment.
- 96 Garbage, Trash, Rubbish
- 97 Oily Rags - Includes paint rags, waste impregnated with petroleum distillates.
- 98 Artificial Tree
- 99 Material First Ignited - Miscellaneous - unclassified
- 00 Material First Ignited - Miscellaneous - cannot be determined

MATERIAL FIRST IGNITED - ALPHABETIC

<u>DESCRIPTION</u>	<u>CODES</u>
Acetone	54
Acetylene	65
Agricultural Products, Unspecified.....	89
Alcohol.....	54
Ammonium Nitrate	78
Anaesthetic Gas	64
Asphalt	57
Automobile Seat.....	21
Balcony	04
Barbecue Fluid	53
Barley	82
Barrel, Wood.....	41
Beans, Soya.....	82
Bed Linen	26
Bedding.....	26
Bench	22
Benzene, Benzol	54
Bitumen.....	57
Blanket, Including Electric Blanket	26
Bleach	74
Blind.....	27
Book.....	48
Bookcase	22
Box, Cardboard	47
Box, Wood	41
Briquettes	91
Broom	28
Brush, Housekeeping	28
Butane	63
Butane-Air Mixture.....	62
Butter.....	56
Cabinet, Counter, Casework	22
Cabinet, Filing, Wood.....	22
Canvas.....	38
Car Seats	21
Cardboard.....	47
Cardboard Box	47
Carbon Disulphide (Carbon Bisulphide)	54
Carbon Monoxide	69
Carpeting.....	07
Case, Wood.....	41
Ceiling Component (Structural).....	08

DESCRIPTIONCODES

Ceiling Covering, Surface Material, Plastic.....	15
Ceiling Covering, Surface Material, Wood, Wood Product, (High Density) including Plywood, Chipboard, Hardboard	13
Ceiling Covering, Surface material, Wood Product, (Low Density, including Fibreboard, Pulpboard, Paperboard, Softboard.....	14
Celluloid.....	72
Cellulose, Acetate	73
Cellulose Insulation	43
Cellulose, Nitrate	72
Chair, Not Upholstered	22
Chair, Upholstered	21
Charcoal	91
Chemicals, Other than Flammable Liquids and Gases, Unspecified	79
Chest, Wood.....	22
Chesterfield	21
Chips, Wood	42
Chipboard (see Wood)
Christmas Tree, Artificial	98
Christmas Tree, Natural	88
Cleaning Cloths.....	97
Cleaning Fluid (Flammable Liquid)	53
Clothing, Cotton.....	34
Clothing, Cotton, On a Person	31
Clothing, Synthetic Fibre	36
Clothing, Synthetic, On a Person	33
Clothing, Textiles, Unspecified	39
Clothing, Wood.....	35
Clothing, Wood, on a Person	32
Cloth, Cleaning	97
Coal	91
Coconut Fibre.....	81
Coke	91
Comforter	26
Contact Cement.....	54
Cooking Oil, Fat.....	56
Cord, Twine	81
Cotton Fabric	34
Cotton Fibre, Yard	81
Couch	21
Counter.....	22
Creosote, the Wood Preservative	59
Creosote, the deposits in chimney, flue pipe	92
Curtain.....	27
Davenport.....	21

DESCRIPTION

CODES

Decorations, Paper45
Desk22
Dome.....04
Door04
Drapery.....27
Dust, Floor82
Dust, Grain.....82
Dust, Starch.....82

Eave.....03
Eiderdown26
Electrical Insulation95
Ether.....54
Ethylene69
Excelsior42
Exterior Trim, Appurtenances, including Door, Porch, Platform, Balcony.....04
Exterior Wall, Covering, Surface Finish.....03

Fabric, Cotton, including Finished Goods34
Fabric, Synthetic Fibres, including Mixed Fibres.....36
Fabric, Wool, including Finished Goods35
Fat Cooking.....56
Feathers81
Fertilizer, including Manure87
Fibre, Coconut.....81
Fibreboard, on Ceiling (High Density) including Chipboard, Hardboard13
Fibreboard, on Wall (High Density) including Chipboard, Hardboard10
Fibreboard, on Wall (Low Density), including Pulpboard, Paperboard, Softboard.....11
Fibreboard, Unspecified, Not on Wall or Ceiling.....49
Fibres, Natural or Synthetic81
Files, Paperstock48
Filing Cabinet, Cardboard.....47
Filing Cabinet, Wood.....22
Film, Acetate.....73
Film, Nitrate.....72
Finish, Ceiling, (see Ceiling Covering, Surface Material).....
Finish, Exterior Wall.....03
Finish, Interior Wall, (see Wall Covering, Surface Material).....
Fish Oil.....59
Flammable Gas, Unspecified69
Flammable Liquid, Flashpoint 100BF., and over, excluding
Fuel Oils classified under 52.....53

DESCRIPTION

CODES

Flammable Liquid, Flashpoint less than 100BF., excluding Gasoline, code 5154

Flammable Liquid, Unspecified.....59

Floor Component, Structural08

Floor Covering, Carpet, Rug.....07

Floor Covering, Linoleum, Tile, Plastic06

Floor Covering, Wood05

Food99

Forestry Products, Unspecified89

Framing, Structural08,09

Fuel Oil, including Kerosene52

Fuel, Patent91

Fur, including Finished Products37

Furniture, Plastic, not Upholstered23

Furniture, Upholstered21

Furniture, Wood, not Upholstered22

Garbage96

Gas, Anaesthetic64

Gas, Flammable, Unspecified69

Gas, Liquified Petroleum63

Gas, Manufactured69

Gas, Naphtha.....54

Gas, Natural61

Gas, Producer69

Gas, Water.....69

Gasoline51

Grain82

Grass86

Grease59

Hardboard, (see Wood).....

Hay83

Heating Pad26

Hemp.....81

Hops82

Hydrogen.....66

Hydrogen Peroxide74

Hypochlorite.....74

Insulation, Cellulose43

Insulation, Electric (when confined to electrical equipment)95

Insulation, Mineral, includes Binder, Envelope, Installed18

Insulation, Mineral, includes Binder, Envelope, Not Installed79

Insulation, Plastic, Installed, Styrofoam17

DESCRIPTIONCODES

Insulation, Plastic, Not Installed	73
Insulation, Wood Product, (Rigid), Installed	16
Insulation, Wood Product, (Rigid), Not Installed	49
Insulation, Wood Shavings, Sawdust, excluding Rigid Wood Product Insulation classified under 16.....	42
Interior Wall Covering, (see Wall Covering, Surface Material).....	
Ironing Board	24
Jute	81
Kapok	81
Kerosene	52
Lacquer.....	54
Lagging, Pipe	99
Lard	56
Leather Goods	39
Leaves	86
Lighter Fluid	54
Linen, Bed.....	26
Linen, Household.....	34
Linoleum	06
Linseed Oil.....	59
Liquefied Petroleum Gas	63
Lubricating Oil, Lubricant	53
Lumber	41
Magazine.....	48
Magnesium, including Alloys.....	75
Mail Bags	34
Manure	87
Margarine.....	56
Mattress.....	25
Methane.....	61
Mop.....	28
Miscellaneous, Unspecified	99
Natural Gas	61
Newsprint.....	44
Nitrate Film.....	72
Nylon, Fabric	36
Nylon, Fibre Yard	81
Oats	82
Oil, Cooking.....	56

DESCRIPTION

CODES

Oil, Fuel, including Kerosene52
Oil, Linseed.....59
Oil, Lubricating.....53
Oil, Vegetable56
Oil, Wood Treatment94
Oily Rags.....97
Oxidizing Material74

Paint55
Paint Rags97
Paint Thinner.....54
Paper48
Paper, Costumes.....45
Paper, Decorations45
Paper, Photographic48
Paper Products, Unspecified49
Paper, Shredded44
Paper, Stock48
Paper, Waste46
Paperboard, (see Fibreboard)
Patent Fuel91
Peat.....91
Phosphorus.....79
Photographic Paper48
Piano22
Pillow25
Pipe Covering, Insulation, Lagging.....99
Pitch57
Plastic Sheeting, used as Tarpaulin.....38
Plastics, Miscellaneous73
Platform.....04
Plywood, (see Wood).....
Polish, Liquid.....58
Polyethylene, excluding Tarpaulins classified under 38.....73
Porch04
Propane63
Pulpboard, (see Fibreboard).....
Pyroxylin Plastic72

Rayon36
Rag, Cleaning.....97
Rag, Paint Impregnated.....97
Roof Covering, Other than Wood.....02
Roof Covering, Wood, Wood Shingles01
Roof, Structural Component.....08

DESCRIPTIONCODES

Rope	81
Rubber, Natural, Synthetic	77
Rubbish	96
Rug	07
Sawdust, Wood	42
Scrub	86
Shavings, Wood	42
Sheet, Bed	26
Shingles, Wood	01
Shingles, other than Wood	02
Shrub	84
Silk, Fabric	39
Sisal	81
Sodium	79
Sofa	21
Softboard, (see Fibreboard)	
Solvent, Unspecified	59
Soot	99
Starch	82
Straw	83
String	81
Structural Component, Wall	09
Structural Component, Floor, Ceiling, Roof	08
Structural Component, Unspecified	19
Styrofoam Insulation	17
Sunflower Seeds	82
Synthetic Fabric	36
Synthetic Yarn, Fibre	81
Table	22
Tapestry	27
Tar	57
Tarpaulin	38
Textile, Unspecified	39
Tile, Floor	06
Timber, Felled, Not Sawn	85
Timber, Sawn, Lumber	41
Timber, Standing	84
Titanium, including Alloys	76
Trash	96
Tree, Artificial	98
Tree, Christmas, Artificial	98
Tree, Christmas, Natural	88
Turpentine	53

DESCRIPTIONCODES

Twine	81
Upholstered Furniture	21
Varnish	55
Wallboard, (see Fibreboard)	
Wall Component, Structural	09
Wall Covering, Finish, Exterior	03
Wall Covering, Surface Material, Plastic	12
Wall Covering, Surface Material, Wood, Wood Product (High Density) including Plywood, Chipboard, Hardboard	10
Wall Covering, Surface Material, Wood Product (Low Density) including Fibreboard, Pulpboard, Paperboard, Softboard	11
Waste, Impregnated	97
Wastepaper	46
Wheat	82
Wood, on Ceiling, including Plywood, Chipboard, Hardboard	13
Wood, on Wall, including Plywood, Chipboard, Hardboard	10
Wood Barrel	41
Wood Box	41
Wood Case	41
Wood Chippings	42
Wood Flour	42
Wood Product, Unspecified	49
Wood Sawdust	42
Wood Shavings	42
Wood Shingle, Roof	01
Wood, Unspecified	49
Wood Wool	49
Wool, Fabric	35
Wool, Fibre, Yard	81
Yarn, Natural or Synthetic	81
Zirconium, Including Alloys	76

EXTENT OF FIRE

Extent of Fire is the actual extent of burning or charring and does not include browning or blistering of paint. It should be coded according to one of the classifications listed below.

If the property involved is other than a building (example: vehicle, outside area), code under 8. Reports involving exposures will be coded as either 6 (structure) or 9 (outdoor property/vehicle).

CODES:

- 1 Confined to Object of Origin
- 2 Confined to Part of Room/Area of Origin
- 3 Confined to Room of Origin
- 4 Confined to Floor Area of Origin
- 5 Confined to Building of Origin
- 6 Extended Beyond Building of Origin
- 7 Confined to Roof
- 8 Not applicable - vehicle or outside area
- 9 Extent of Fire - unclassified
- 0 Extent of Fire - unknown

EXTENT OF DAMAGE

Extent of Damage is the total extent of damage caused by actual burning or charring and includes damage caused by heat (browning, blistering, etc.), smoke, water and other extinguishing agents. It should be coded according to one of the classifications listed below.

If the property involved is other than a building (example: vehicle, outside area), code under 8. Reports involving exposures will be coded as either 6 (structure) or 9 (outdoor property/vehicle).

CODES:

- 1 Confined to Object of Origin
- 2 Confined to Part of Room/Area of Origin
- 3 Confined to Room of Origin
- 4 Confined to Floor Area of Origin
- 5 Confined to Building of Origin
- 6 Extended Beyond Building of Origin
- 7 Confined to Roof
- 8 Not Applicable - vehicle, outside area
- 9 Extent of Damage - unclassified
- 0 Extent of Damage - unknown

FLAME SPREAD - INTERIOR FINISH

This classification denotes routes by which flames (char) spread beyond the room or area of origin.

CODES:

- 1 Spread on Ceiling Finish
- 2 Spread on Wall Finish
- 3 Spread on Floor Finish
- 4 Spread on Ceiling & Wall Finish
- 5 Spread on Ceiling & Floor Finish
- 6 Spread on Wall & Floor Finish
- 7 Spread on Ceiling, Wall & Floor Finish
- 8 Not a Factor
- 9 Flame Spread Interior Finish - unclassified
- 0 Flame Spread Interior Finish - unknown

FLAME SPREAD - VERTICAL OPENINGS

This classification denotes routes by which flames (char) spread beyond the room or area of origin of the fire.

CODES:

- 1 Through Unenclosed Stairwell or Elevator Shaft
- 2 Through Inadequate Firestopping - Includes inside of walls, around pipes, poke-throughs, etc.
- 3 Through Air-Handling Ducts
- 4 Through Utility Shaft
- 5 Through Failure of a Rated Assembly
- 6 By Way of the Exterior of the Building
- 8 Not a Factor
- 9 Vertical Flame Spread - unclassified
- 0 Vertical Flame Spread - unknown

FLAME SPREAD - HORIZONTAL OPENINGS

This classification denotes routes by which flames (char) spread beyond the room or area of origin of the fire.

CODES

- 1 Through Air-Handling Ducts
- 2 Through Attic Spaces, Ceilings or Concealed Spaces
- 3 Doors Burned Through in Rated Assembly
- 4 Though Doors Open in Rated Assembly
- 5 Through Corridor
- 6 Through Utility Openings
- 7 Through Windows
- 8 Not a Factor
- 9 Horizontal Flame Spread - unclassified
- 0 Horizontal Flame Spread - unknown

SMOKE SPREAD AVENUES

Smoke Spread Avenues denotes the routes by which smoke spread beyond the room or area of origin, and should be coded according to one of the classifications below.

CODES:

- 1 Through Air-Handling Ducts
- 2 Through the Corridor or Openings – Includes doorway and window openings from room to room
- 3 Through the Elevator Shaft
- 4 Through the Stairwell
- 5 Through Openings in Construction - Includes gaps between slabs and walls, over doors, etc.
- 6 Through Utility Openings - horizontal walls
- 7 Through Utility Openings - in floors
- 8 Not a Factor
- 9 Smoke Spread Avenues - unclassified
- 0 Smoke Spread Avenues - unknown

FIRE CASUALTY

TOTAL DEATHS

Indicate the total number of deaths resulting from the fire. The total includes civilians and fire fighters.

Fire Death - A person killed as a direct result of a fire or a person who dies from a fire injury within one year following the date on which the injury was sustained.

NOTE:

A person who dies from a medical condition or blunt force trauma as a result of a motor vehicle collision resulting in fire is NOT considered a fire death.

A person who is known to have committed suicide by burning or asphyxia IS considered a fire death. For these cases, Act or Omission shall be coded as 19 Incendiary – Unclassified/Unknown.

TOTAL INJURIES

Indicate the total number of men, women and children injured as a result of the fire. Total injuries refers to civilians and fire fighters.

Fire Injury - A person accidentally injured as a direct result of a fire.

MOTOR VEHICLE, BOAT, AIRCRAFT

For non-building fires, indicate what the fire was by entering in the area, ie., motor vehicle, boat, etc. Provide the details listed.

NUMBER OF PERSONS EVACUATED

Indicate the number of persons evacuated prior to the arrival of the fire department as well as the number of persons evacuated by the fire department. In some cases you may have to estimate the number of persons evacuated prior to the fire department arrival.

REMARKS

Provide a brief but accurate description of the fire particulars. Written remarks should include Property Classification, Act or Omission, Area of Origin, Source of Ignition and Material First Ignited. For example, "In the opinion of the writer...dwelling fire, a child playing with bic lighter/match ignited paper/chesterfield in bedroom/living room which in turn spread upstairs to second floor.

Fire Department Attendance

Indicate Yes or No. If yes, indicate the name of the fire department(s) that responded.

MUTUAL AID CODE

Mutual Aid Code refers to the Mutual Aid District in which the fire occurred, and should be coded according to the classifications listed below.

If the fire occurs in a jurisdiction of the province not covered by a Mutual Aid or a Northern Training District please code under 98.

Antler River	09
Boyne River	03
Eastman	06
Grand Valley	08
Lake Winnipegosis	17
Neepawa & District	16
North East	10
North Interlake	04
Oak Lake	11
Pembina Triangle	01
Pembina Valley	02
Riding Mountain	12
South Central	13
South Interlake	05
Swan River Valley	14
Turtle Mountain	15
West Central	07
Clearwater	19
Hudsons Bay	18
Lake Winnipeg	20
Winnipeg (City)	75
First Nation Reserves	50
Unincorporated	98

FIRE DEPARTMENT/COMPANY

Indicate name of Fire Department/Company in the space provided.

DATE/SIGNATURE

Enter the date that the Fire Report was completed. The member completing the form must sign in the space provided.

Please provide a telephone number where you may be reached between 08:30 & 16:00.

PART IV

FIRE CASUALTY REPORT

Where fires result in human deaths or injuries, the additional information below is required for each fire death or injury.

INCIDENT NUMBER: The Incident Number to be recorded here must be identical to the Incident Number as recorded on the related Fire Report. This number will be assigned by the Office of the Fire Commissioner.

COUNT NUMBER: Each fire casualty is assigned a unique number. The Count Numbers are assigned consecutively from 001 for all casualties relating to a fire incident, e.g. if there are three people injured, there would be three Fire Casualty Reports initiated with the casualty numbers 001, 002 and 003 assigned respectively.

DATE OF FIRE/

LOCATION OF FIRE: Date/time/municipal code/location of fire should correspond with that on the Fire Report Form.

VICTIM: Record the victim's surname first, followed by the given names.

AGE OF VICTIM: If exact age is not known, give an estimate to the nearest 10 years.

SEX OF VICTIM: Indicate in the appropriate box whether the victim is a male or female.

**BIRTHDATE OF
FIRE FATALITY:**

Record date of birth of the deceased.

CASUALTY: Indicate death or injury.

STATUS OF VICTIM: Indicate in the appropriate box whether the victim is a Civilian, Firefighter or Fire Fighter in Transit.

Fire Fighter in Transit A firefighter en route to, or returning from a fire incident.

**NATURE OF
CASUALTIES:**

CODES	
1	Death
2	Minor Injury
3	Light Injury
4	Serious Injury

Fire Death - A person killed as a direct result of a fire or person who dies from a fire injury within one year following the date on which the injury was sustained.

Minor Injury - An injury that does not require hospitalization of over a 24 hour period or absence from work of not more than one full day.

Light Injury - An injury that requires admission to a hospital from 24 to 48 hours and/or absence from work for a period of one to fifteen days.

Serious Injury - An injury that required admission to a hospital for a period of more than 48 hours and/or an absence from work for a period exceeding fifteen days.

CONDITION OF

CASUALTY:

CODES

- 11 Asleep at Time of Fire
- 12 Bedridden or Other Physical Handicap
- 13 Impairment by Alcohol, Drugs or Medication
- 14 Awake & No Physical or Mental Impairment at the Time of Fire
- 15 Under Restraint or Detention
- 16 Too Young to React to Fire Emergency
- 17 Mental Handicap - Includes senility
- 18 Child Left Unattended
- 19 Condition of Casualty - unclassified
- 10 Condition of Casualty - unknown

ACTION OF CASUALTY:

CODES

- 21 Injured While Attempting to Escape
- 22 Over-Exertion, Heart Attack
- 23 Voluntarily Entered or Remained for Rescue Purpose
- 24 Voluntarily Entered or Remained for Fire Fighting
- 25 Voluntarily Entered or Remained to Save Personal Property
- 26 Loss of Judgement or Panic
- 27 Received Delayed Warning
- 28 Did Not Act
- 29 Action of Casualty - unclassified
- 20 Action of Casualty - unknown

**IGNITION OF CLOTHING OR
OTHER FABRICS:**

If casualty asphyxiated, code under 30, "not applicable".

CODES		
31	Outer Clothing	
32	Sleepwear	
33	Underclothing	
34	Costume	
35	Bedding or Bed Linen (includes pillow)	
36	Mattress	
37	Upholstered Furniture	
38	Rugs	
39	Ignition of Clothing or Other Fabrics - unclassified	
30	Ignition of Clothing or Other Fabrics - not applicable	

**TYPE OF FABRIC OR
MATERIAL IGNITED:**

If casualty asphyxiated, code under 40, "not applicable".

CODES		
41	Cotton	
42	Wool	
43	Other Natural Fibre	
44	Rayon (viscose)	
45	Other Synthetic Fibre	
46	Mixture of Fibres	
47	Rubber	
48	Plastics or Plastic Foam	
49	Type of Fabric or Material Ignited - unclassified	
40	Type of Fabric or Material Ignited - not applicable	

**CAUSE OF FAILURE
TO ESCAPE:**

CODES

51	Trapped by Rapid Spreading of Fire/Smoke through vertical openings, stairways, elevators.
52	Trapped by Rapid Spreading of Fire/Smoke through horizontal openings.
53	High Flame Spread of Combustible Interior Finish
54	Building Collapse
55	Falling Debris
56	Explosion
57	Exit Blocked, Locked, or Obstructed
58	Outdoor Fire - includes forest/brush fires
59	Cause of Failure to Escape - unclassified
50	Cause of Failure to Escape - unknown

REMARKS

Provide a brief description of the injuries sustained.