

# FACTORS CONTRIBUTING TO IGNITION

## MISUSE OF MATERIAL OR PRODUCT

- 11 Abandoned or discarded materials or products (Includes discarded cigarettes, cigars, tobacco embers, hot ashes, or other burning matter. Excludes outside fires left unattended)
- 12 Heat sources too close to combustibles
- 13 Cutting, welding too close to combustibles
- 14 Flammable liquid or gas spilled (Excludes improper fueling technique, use 15 and release due to improper container, use 18)
- 15 Improper fueling technique (Includes over fueling, failure to ground. Excludes fuel spill, use 14 and using improper fuel, use 27)
- 16 Flammable liquids used to kindle fire
- 17 Washing part or material, painting with flammable liquid
- 18 Improper container or storage procedure (Includes gasoline in unimproved containers, gas containers stored at excessive temperature, and storage conditions that lead to spontaneous ignition.)
- 19 Playing with heat source (Includes playing with matches, candles, and lighters and bringing combustibles into heat source)
- 10 Misuse of materials or products

## MECHANICAL FAILURE, MALFUNCTION

- 21 Automatic control failure
- 22 Manual control failure
- 23 Leak or break (Includes leaks or breaks of containers or pipes. Excludes operation deficiencies and spill mishaps.)
- 25 Worn out
- 26 Backfire (Excludes fires originated as a result of a hot catalytic converters, use 41)
- 27 Improper fuel used (Includes the use of gasoline in a kerosene heater and the like.)
- 20 Mechanical failure, malfunction, other

## ELECTRICAL FAILURE, MALFUNCTION

- 31 Water-caused short-circuit arc
- 32 Short-circuit arc from mechanical damage
- 33 Short-circuit arc from defective, worn insulation
- 34 Unspecified short-circuit arc
- 35 Arc from faulty contact, broken conductor (Includes broken power lines and loose connections)
- 36 Arc, spark from operating equipment, switch, or electric fence
- 37 Fluorescent light ballast
- 30 Electrical failure, malfunction, other

## DESIGN, MANUFACTURING, INSTALLATION DEFICIENCY

- 41 Design deficiency
- 42 Construction deficiency
- 43 Installation deficiency
- 44 Manufacturing deficiency
- 40 Design, manufacturing, installation deficiency

## OPERATIONAL DEFICIENCY

- 51 Collision, knock down, run over, turn over (Includes automobiles and other vehicles)
- 52 Accidentally turned on, not turned off
- 53 Equipment unattended
- 54 Equipment overloaded
- 55 Failure to clean (Includes lint and grease buildups in chimneys, stovepipes)
- 56 Improper startup/shutdown procedure
- 57 Equipment not used for purpose intended (Excludes overloaded equipment, use 54)
- 58 Equipment not operated properly
- 50 Operational deficiency, other

## NATURAL CONDITION

- 61 High wind
- 62 Storm
- 63 High water, including floods
- 64 Earthquake
- 65 Volcanic action
- 66 Animal

## FIRE SPREAD OF CONTROL

71 Exposure fire

72 Rekindle

73 Outside/open fire for debris or waste disposal

74 Outside/open fire for warming or cooking

75 Agriculture or land management burns (Includes prescribed burns)

## OTHER FACTORS CONTRIBUTING TO IGNITION

NN None

UU Undetermined

**\*\*Codes ending in '0' (i.e., 10, 20, 30 etc.) should be used ONLY when other codes don't apply.**

**\*\*\*Use "undetermined" when without a doubt the Item First Ignited cannot be identified.**



**Additional coding questions and/or assistance, please contact (208) 334-4372**