



SIKKIM FIRE & EMERGENCY SERVICE
GANGTOK - 737101

INDIAN STANDARDS AND CODES:

FIRE EXTINGUISHERS	
STANDARDS	DETAILS
IS: 933:1989	Portable chemical fire extinguishers, foam type (third revision)
IS: 934: 1989	Portable chemical fire extinguishers, soda acid type (fourth revision)
IS: 940: 1989	Portable chemical fire extinguishers, water type (gas cartridge) (third revision)
IS: 2171: 1985	Portable chemical fire extinguishers, Dry Powder (Cartridge type) (third revision)
IS: 2190: 1992	Code of practice for selection, installation and maintenance of portable first - aid fire extinguisher (third revision)
IS: 2878: 1986	Portable fire extinguishers, carbon dioxide type (second revision)
IS: 4562: 1968	Portable chemical fire extinguishers, foam type, for marine use
IS: 4862: 1986	Portable chemical fire extinguishers, for aircraft.
IS: 4947: 1985	Gas cartridge for use in fire extinguishers (second revision)
IS: 5490	Refills for portable fire extinguishers and chemical fire engines.
Part I: 1977	For soda - acid portable fire extinguishers (first revision)
Part II: 1977	For foam type portable fire extinguishers (first revision)
Part III: 1979	For soda - acid chemical fire engines, 50 liter capacity (first revision)
Part IV: 1979	For foam chemical fire engines, 50 liter capacity (first revision)
IS: 6234: 1986	Portable fire extinguishers water type (stored pressure) (first revision)
IS: 8149: 1976	Functional requirement for twin CO ₂ fire extinguisher (trolley mounted)
IS: 10204: 1982	Portable fire extinguishers mechanical foam type
IS: 10472: 1983	150 liter capacity chemical fire engine, foam type
IS: 10658: 1983	Higher capacity dry powder fire extinguisher (trolley mounted)
IS: 11108: 1984	Portable fire extinguishers - Halon 1211 type.

APPLIANCES	
STANDARDS	DETAILS
IS: 942: 1982	Functional requirements for 275 liter/min. portable pump set for fire fighting (second revision)
IS: 943: 1979	Functional requirements for 680 liter/min. trailer pump
IS: 944: 1979	Functional requirements for 1800 liter/min. trailer pump for fire brigade use (second revision)

IS: 946: 1977	Functional requirements for motor fire engine (first revision)
IS: 947: 1985	Functional requirements for towing tender for trailer fire pump for fire brigade use (first revision)
IS: 948: 1983	Functional requirements for water tender, type "A" for fire brigade use (second revision)
IS: 949: 1985	Functional requirements for emergency (rescue) tender for fire brigade use (second revision)
IS: 950: 1980	Functional requirements for water tender, type "B" for fire brigade use (second revision)
IS: 951: 1987	Functional requirements for crash fire tender for fire brigade use (first revision)
IS: 954: 1987	Functional requirements for CO ₂ tender for fire brigade use (first revision)
IS: 955: 1980	Functional requirements for dry powder tender for fire brigade use (first revision)
IS: 956: 1975	Functional requirements for rescue tender for fire fields (first revision)
IS: 957: 1987	Control van for the fire brigade use
IS: 2696: 1974	Functional requirements for 1125-l/min. light fire engine (first revision)
IS: 2930: 1980	Functional requirements for hose laying tender for fire brigade use (first revision)
IS: 3947: 1966	Code of practice for testing, installation and maintenance of marine portable fire appliances.
IS: 5506: 1979	50-ltr capacity chemical fire engine, soda-acid type (first revision)
IS: 5507: 1979	20-ltr capacity chemical fire engine, foam type (first revision)
IS: 5896	Code of practice for selection, operation and maintenance of fire fighting appliances.
Part-I: 1970	Combined, foam, and crash tender
Part-III: 1975	Turntable ladder.
IS: 6067: 1983	Functional requirements for water tender type-X for fire brigade use (first revision)
IS: 6070: 1983	Code of practice for selection, operation and maintenance of trailer fire pumps portable pumps, water tender and motor fire engines (first revision)
IS: 7577: 1986	Gas testing flame safety lamps (first revision)
IS: 8150: 1976	45-ltr capacity chemical foam for marine engine use.
IS: 10460: 1983	Functional requirements for small foam tender for fire brigade use.
IS: 10999: 1984	Functional requirements for 2000 kg. Dry powder tender for fire brigade use.

ALARM SYSTEMS AND OTHER SYSTEMS & MEDIA	
STANDARDS	DETAILS
IS: 21775: 1988	Heat sensitive fire detectors for use in automatic electric fire alarm system (second revision)
IS: 2189: 1988	Code of practice for selection, installation and maintenance of automatic fire detection and alarm system (second revision)
IS: 3844: 1989	Code of practice for installation of internal fire hydrants in multistory buildings.
IS: 4308: 1982	Dry powder for fire fighting (first revision)
IS: 4861: 1984	Dry powder for fighting fires in burning metals (first revision)
IS: 4989	Foam concentrate (compound) for producing mechanical foam for fire fighting.
Part-I: 1985	Protein foam (second revision)
Part-II: 1984	Aqueous film forming foam (AFFF)
Part -III: 1987	Flouro-protein foam
IS: 6382: 1984	Code of practice for design and installation of fixed carbon dioxide fire extinguishing system (first revision)
IS: 7676: 1985	Glossary of terms for fire fighting equipment

IS: 9668: 1990	Code of practice for provision and maintenance of water suppliers for fire fighting.
IS: 9972: 1981	Automatic sprinkler heads.

ACCESSORIES, HOSES & HYDRANTS	
STANDARDS	DETAILS
IS: 636: 1988	Non-percolating flexible fire fighting delivery hose (third revision)
IS: 884: 1985	First-aid hose reel for firefighting (first revision)
IS: 901: 1988	Couplings, double male & double female, instantaneous pattern for firefighting (third revision)
IS: 902: 1992	Suction hose couplings branch pipe, nozzles and nozzle spanner (third revision)
IS: 903: 1984	Fire hose delivery couplings branch pipe, nozzles and nozzle spanner (third revision)
IS: 904: 1983	2-way and 3-way suction collecting heads for fire fighting purposes (second revision)
IS: 905: 1980	Delivery breeching, dividing and collecting, instantaneous pattern, for firefighting purposes (second revision)
IS: 906: 1988	Branch with revolving head for fire fighting purposes (second revision)
IS: 907: 1984	Suction strainers, cylindrical type for fire fighting purpose (second revision)
IS: 908: 1975	Fire hydrant, stand post type (second revision)
IS: 909: 1992	Underground fire hydrant sluice-value type (third revision)
IS: 910: 1980	Combined key for hydrant, cover and lower valve (second revision)
IS: 926: 1985	Firemen's axe (second revision)
IS: 927: 1981	Fire hook (second revision)
IS: 928: 1984	Fire bells (second revision)
IS: 930: 1977	Wooden extension ladder for fire brigade use (first revision)
IS: 931: 1973	Wheeled fire escape (first revision)
IS: 937: 1981	Washers for water fittings for fire fighting purposes (second revision)
IS: 939: 1977	Snatch block for use with fibre rope for fire brigade use (first revision)
IS: 941: 1985	Blower and exhauster for fire fighting (second revision)
IS: 928: 1984	Fire bells (second revision)
IS: 952: 1986	Fog nozzle for fire brigade use (first revision)
IS: 1941: 1976	Functional requirements for electric motor
Part-I: 1976	Sirens: Part-I AC, 3-phase, 50 Hz, 415 volts type (second revision)
IS: 2097: 1983	Foam-making branch pipe (first revision)
IS: 2298: 1978	Single barrel stirrup pump for fire fighting purposes (second revision)
IS: 2546: 1974	Galvanized mild steel fire bucket (first revision)
IS: 2871: 1983	Branch, pipe, universal fire the fighting purposes (first revision)
IS: 3582: 1984	Basket strainers for fire fighting purpose (cylindrical type) (first revision)
IS:3614:1966 part-I	Fire-check doors: Part-I, Plate metal covered and rolling type.
IS: 3744: 1985	Hose binding machine (first revision)
IS: 4571: 1977	Alluminium extension ladders for fire brigade use (first revision)
IS: 4643: 1984	Suction wrenches for fire brigade use (first revision)

IS: 4927: 1992	Unlined flax canvas hose for fire fighting (first revision)
IS: 4928: 1986	Delivery valve for centrifugla fire pump outlet (first revision)
IS: 5131: 1986	Dividing breeching with control, for fire brigade use (first revision)
IS: 5290: 1983	Landing valves (second revision)
IS: 5486: 1985	Quick-release knife (first revision)
IS: 5505: 1985	Multi-edged rescue axe (non-wedging) (first revision)
IS: 5612:	Hose-clamps and hose-bandages for fire brigade use.
Part-I: 1977	Hose clamps (first revision)
Part-II: 1977	Hose bandages (first revision)
IS: 5714: 1981	Hydrant, stand pipe for fire fighting (first revision)
IS: 6026: 1985	Hand operated sirens (first revision)
IS: 8090: 1976	Coupling, branch pipe, nozzle used in hose reel tubing for fire fighting.
IS: 8096: 1992	Fire beaters.
IS: 8423: 1977	Controlled percolating hose for fire fighting
IS: 8442: 1977	Functional requirements for stand post type water for fire fighting

FIRE SAFETY IN BUILDINGS	
STANDARDS	DETAILS
IS: 1641: 1988	Code of practice for fire safety of buildings (general): General principles and fire grading and classification (first revision)
IS: 1642: 1989	Code of practice for fire safety of buildings (general): General Materials & details of construction (first revision)
IS: 1643: 1988	Code of practice for fire safety of buildings (general) : General Exposure hazard (first revision)
IS: 1644: 1982	Code of practice for fire safety of buildings (general): General hazard. (first revision)
IS: 1646: 1982	Code of practice for fire safety of buildings (general): General Electrical installations (first revision)
IS: 1891:	Rubber conveyor and elevator textile belting.
Part 4: 1978	Hygienic belting (first revision)
IS: 2726: 1988	Code of practice for fire safety of industrial buildings: Cotton ginning and pressing (including cotton seed) factories (first revision)
IS: 3016: 1982	Code of practice for fire precautions in welding and cutting operations (first revision)
IS: 3034: 1981	Code of practice for fire safety of industrial buildings: Electrical generating and distributing stations (first revision)
IS: 3058: 1990	Code of practice for fire safety of buildings: Viscose rayon yarn/staple fibre plants (first revision)
IS: 3079: 1990	Code of practice for fire safety of industrial buildings Cotton textile mills (first revision)
IS: 3181: 1992	Covveyor belts, fire resistant belting for underground mines and such other hazardous applications (second revision)
IS: 3594: 1991	Code of practice for fire safety of industrial buildings: General storage and warehousing including cold storages (first revision)
IS: 3595: 1984	Code of practice for fire safety of industrial buildings: Coal pulverizes and associated equipments (first revision)
IS: 3808: 1979	Method of test for non-combustibility of building materials (first revision)
IS: 6809: 1979	Fire resistance test of structure (first revision)

IS: 3836: 1979	Code of practice for fire safety of industrial buildings: Jute mills (first revision)
IS: 4226: 1988	Code of practice for fire safety of industrial buildings: Aluminium/magnesium powder factories (first revision)
IS: 4355: 1977	Fire resistance brattice cloth (first revision)
IS: 4886: 1991	Code of practice for fire safety of industrial buildings: Tea factories (first revision)
IS: 5509: 1980	Fire retardant plywood (first revision)
IS: 6329: 1971	Code of practice for fire safety of industrial buildings: Saw Mills and woodworks.
IS: 7820: 1975	Method of test for ignition temperatures
IS: 8757: 1978	Glossary of terms associated with fire safety
IS: 9109: 1979	Code of practice for fire safety of industrial buildings, paint and varnish factories.
IS: 11457:	Code of practice for safety of chemical industries: Part-I
Part-I: 1985	Rubber and plastic.
IS: 11460: 1985	Code of practice for fire safety of libraries and archives.
IS: 11871: 1986	Methods for determinations of flammability and flame resistance of textile fabrics.
IS: 11884: 1986	Fire-resistant brattice sheeting made from unsupported plastics.
IS: 12307: 1988	Graphic symbols for fire protection.
IS: 12349: 1988	Fire protection safety signs.
IS: 12456: 1988	Fire protection of electronic data processing installations.
IS: 12459: 1988	Fire protection of cable runs.
IS: 12467: 1988	Methods for determination of the ignitability of upholstered composites for seating for furfures by smoker's materials.
IS: 12722: 1989	Textile floor covering - Determination of flame resistance by table test.
IS: 13045: 1991	Fire safety of flour mills.