

(PREVIEW)

*Indian Standard***FOAM CONCENTRATE FOR PRODUCING
MECHANICAL FOAM FOR FIRE FIGHTING —
SPECIFICATION****1. SCOPE**

1.1 This combined standard for fire fighting foams lays down requirement in respect of physical, chemical properties and performance over fires of standard fuel, for which these foams are formulated. With the invent of new, improved formulations -and improved test methods, all latest formulations and test methods are introduced through this standard. This standard also lays down requirement for packaging and storage. The foam concentrate covered in this standard shall be of the following types:

- a) *Type 3* — To be used with 97 percent water and 3 percent concentrates,
- b) *Type 6* — To be used with 94 percent water and 6 percent concentrates, and
- c) *Type 1* — To be used with 99 percent water and 1 percent concentrate.

1.2 All the above types of foam concentrates are suitable only for top application. A special requirement can be put separately for base injection system for storage tanks.

2 REFERENCES

The following standards contain provisions which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
5 : 1994	Colours for ready mixed paints and enamels
123 : 1962	Specification for ready mixed paint, brushing, finishing, semi-gloss, for general purposes, to Indian Standard colours (revised)
554 : 1999	Pipe threads where pressure-tight joints are made on threads Dimensions, tolerances and designation (<i>fourth revision</i>)
1206 (Part 3) : 1978	Determination of viscosity: Part 3 Kinematic viscosity
1783 : 1993	Drums, large, fixed ends — Specification
2552 : 1989	Steel drums (galvanized and ungalvanized) (<i>third revision</i>)
2932 : 1975	Enamel exterior (a) undercoating, (b) finishing (<i>second revision</i>)
4309 : 1979	Method of measurement on direct reading pH meters (<i>first revision</i>)

<i>IS No.</i>	<i>Title</i>
4905 : 1968	Method for random sampling
4989 (Part 4) : 2003	Multipurpose aqueous film forming foam liquid concentrate for extinguishing hydrocarbon and polar solvent fires — Specification
7959 : 1987	Specification for polyethylene containers for foam compounds (<i>first revision</i>)