

Indian Standard

RIGID LIFERAFTS — SPECIFICATION

(*First Revision*)

1 SCOPE

This standard specifies the constructional requirements, equipments and tests for rigid liferafts.

2 GENERAL REQUIREMENTS

2.1 Liferafts prescribed in this part shall,

- a) be constructed with proper workmanship and materials;
- b) not be damaged in stowage throughout the air temperature range -30°C to $+65^{\circ}\text{C}$;
- c) when immersed in seawater during their use, operate throughout the seawater temperature range -1°C to $+30^{\circ}\text{C}$;
- d) where applicable, be rot-proof, corrosion resistant, and not be unduly affected by seawater, oil or fungal attack;
- e) where exposed to sunlight, be resistant to deterioration;
- f) be of a highly visible color on all parts where this will assist detection;
- g) be fitted with retro-reflective material where it will assist in detection and in accordance with the recommendation of IMO resolution A.658 (16) ; and it applies to all ships;
- h) if they are to be used in a seaway, be capable of satisfactory operation in that environment;
- j) be clearly marked with approval information, including the administration which approved it and any operational restrictions; and
- k) where applicable, be provided with electrical short-circuit protection to prevent damage or injury.