

### Specification for Life Jacket

- WEIGHT: life jacket should have weight of 1.000-12.000kgs.
- LIFE JACKETS should be comfortable to wear within a period of 1 minute without assistance, guidance or prior demonstration, capable of being worn in only one way and allows the wearer to jump into water from a height without a injury.
- Dimension: length 132 cms/width 67 cms.
- It should have sufficient buoyancy to lift the month of an unconscious wearer not less than 120 mm clear of the water as per MSC 200 (80) regulations.
- Jackets should show no loss of buoyancy after immersion in water for 24 hours.
- The materials used for covers, tapes and seams of the LIFE JACKETS should be tested at government approved laboratories to establish that they are not proof. Color fast and resistant to sunlight and are not unduly affected by sea water, oil or fungal attack.
- LIFE JACKETS should meet the strength-body strength and shoulder strength test prescribed in sola. MSC 200(80) regulation, where in a load of 90 kgs is attached for a period of 30 minutes.
- LIFE JACKETS should be fitted with approved Retro reflective Tape 2"X4" at nine strategic points for immediate visibility.
- LIFE JACKETS should have tapes for fastening.
- LIFE JACKETS should be capable of supporting a weight of 14.5 kgs for 24 hours without any effect on the lifebuoy.
- LIFE JACKETS should show no deterioration after immersion in Diesel oil for 24 hours without any effect on the lifebuoy.
- LIFE JACKETS should come with a MMD Approved Life jacket flashing light which meets the latest regulations as per MMC 200(80).
- LIFE JACKETS should not sustain burring or continue melting after being totally enveloped in a fire for a period of 2 second.
- Manufacturer should be ISO certified company high quality standards.

*J. K. K. K.*