

RULES ON FLOTATION WORK SUIT

COVERAGE

The following rules cover the properties of flotation work suit:

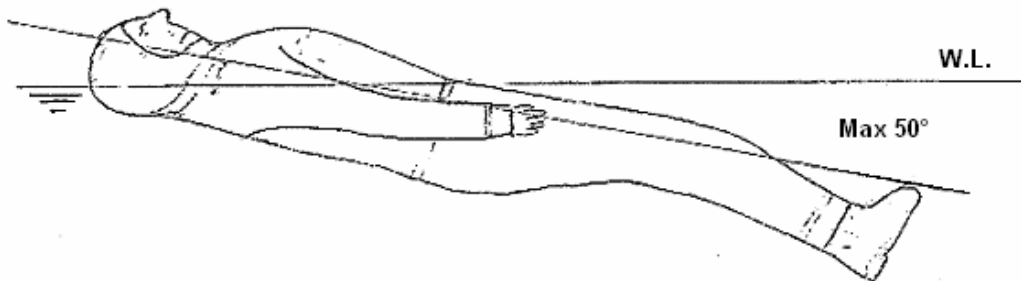
Buoyancy - Isolation - Sturdiness - Markings - Colour

BUOYANCY

1.1. The flotation work suit should float in fresh water for at least 24 hours with a less weight corresponding to 8 kg of iron. When tested, the flotation work suit should be vacuumized.

1.2. The floatation device should be located in the suit the way that the person wearing it should float on the back facing upright in a position 0° - 50° from a horizontal position. See figure 1.

Figure 1:



FREEBOARD

1.3. Flotation work suits should have enough buoyancy to ensure that the freeboard between mouth and nose is never less than 25 mm in still water.

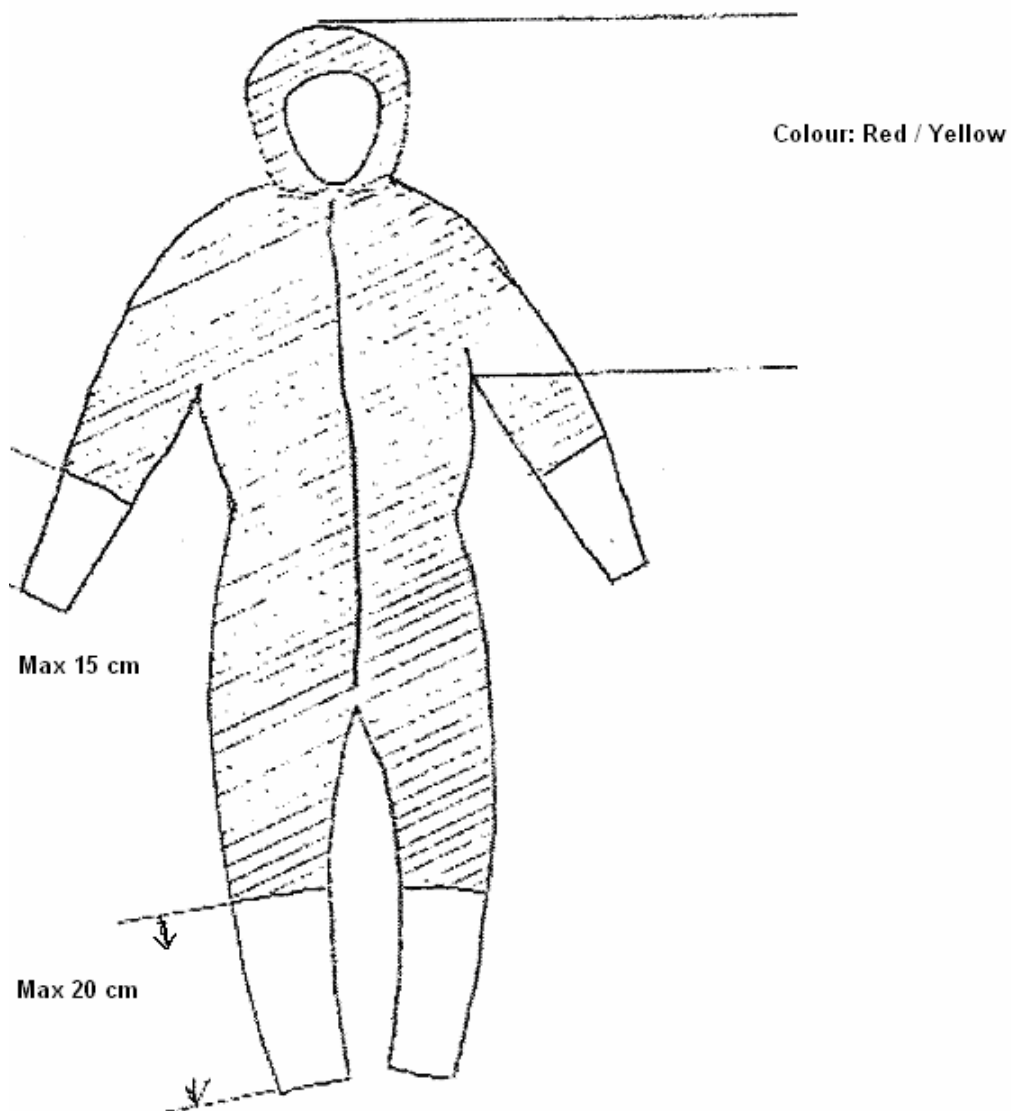
ISOLATION

2.1. The flotation work suit should be sufficiently isolated to prevent the core temperature of an average person from falling more than 1.5°C per hour in +5°C warm water (sea water).

2.2 The isolation should be situated as displayed in figure 2. The area of the calves and the wrists should be so equipped as to prevent water from flowing into the suit. There should be a hood on the suit that can be closed tightly to the face to prevent water from flowing into the suit.

Figure 2:

Shaded areas are isolated



STURDINESS

3.1. Tensile strength of the outward cover should be no less than 222 N. Tear strength should be no less than 15N. Tensile strength and tear strength should be tested by the DIN 53854/53530 standards.

MARKINGS/COLOUR

4.1. There should be at least three reflectors, 5x15 cm in size, on floatation work suits. One should be situated on the hood and two on the shoulders.

4.2. The suit should be well marked "FLOATATION WORK SUIT", the height of letters being 15mm.

4.3. The upper part of the suit should be red or yellow, see figure 2.

APPROVAL AND SURVEILLANCE

5.1. Manufacturers of floatation work suits, or their agents, can apply for approval by the Icelandic Maritime Administration. The items and documents listed in the annex to these regulations should be specified in applications for approval.

5.2. It is forbidden to change approved floatation work suits, neither the material nor the appearance unless it is approved by the Icelandic Maritime Administration. If it is changed without approval, the validity of the approval will automatically be terminated.

5.3. The expenses relating to the approval and necessary tests are paid by the manufacturer or his agent.

VALIDATION

6.1. These rules enter into force immediately.

28 July 1989

Magnús Jóhannesson (sign)
Director General of the Icelandic Maritime Administration

ANNEX

ITEMS AND DOCUMENTS TO BE ATTACHED TO APPLICATIONS FOR APPROVAL OF FLOTATION WORK SUITS:

1. Example of the flotation work suit for which the application for approval is made.
2. A certificate of buoyancy. The certificate should show that tests have been made according to the following standard:
 - 2.1. Article 2 of Swedish standard SIS 882221.