

At the Fina General Congress on July 24, 2009:

- A new rule concerning the shape and the material (only textile) of the swimsuits was approved.

On July 28, 2009:

PR58 - FINA Bureau Meeting

On its first meeting held today in Rome (ITA), the 2009-2013 FINA Bureau fully complied with the decision of the FINA Congress, held on July 24, 2009 related with the procedure concerning swimwear approval. As it was also decided by the Congress, these rules are now By-Laws rules, which allow the Bureau to further control, update and correct any deviation to the process or to proceed with any necessary adjustment related to the development of the swimsuit technology.

The FINA Bureau decisions on swimsuits include:

MATERIAL – The material of the swimsuits will definitively be constituted only by textile fabric(s). The definition of "textile" will be made by a group of scientific experts chosen by FINA and led by Prof. Jan-Anders Manson, from the Swiss Federal Institute of Technology (EPFL) in Lausanne (SUI). This definition will be available to manufacturers by no later than September 30, 2009. The first definition of "textile" to be further confirmed by this group is: "Material consisting of, natural and/or synthetic, individual and non consolidated yarns used to constitute a fabric by weaving, knitting, and/or braiding."

SHAPE – For men, the swimsuit shall not extend above the navel nor below the knee, and for women, shall not cover the neck, extend past the shoulder, nor extend below knee. Furthermore, no zippers or other fastening system is allowed.

USE – In the regulation approved by the Congress, the swimmer can only wear one swimsuit and no taping is allowed.

TESTS – Only measurable scientific tests will be performed within the frame of the swimwear approval procedure. For thickness, the 1mm limit will be adjusted to 0.8mm, for buoyancy the present value of 1 Newton will be reduced to 0.5 (FINA will even consider the limit of 0 Newton), and for permeability the material(s) used must have at any point a value of more than 80l/m²/second. Permeability values are measured on material with a standard multidirectional stretch of 25%. These parameters will be further

considered by the above mentioned scientific group.

CONSISTENCY – Swimsuits effectively manufactured and used shall correspond to and be fully consistent with submitted samples. Any modification before use (including impregnation) is prohibited. Moreover, there shall be no variation/modification for individual swimmers.

APPLICATION – Considering the time needed for manufacturers to produce their swimsuits, the submission dates and the implementation of the rules are applicable from 2010 only in Swimming competitions.

On August 1, 2009:

PR60 - FINA SCIENTIFIC COMMISSION FOR SWIMWEAR APPROVAL

As announced by the FINA Bureau, a Commission led by Prof. Jan-Anders Manson (from EPFL in Lausanne, SUI) and formed by scientific experts and an athlete's representative was appointed to control the swimwear approval process and to monitor the development of the swimsuit industry based on the rules established by the FINA Bureau and the measurable scientific tests on buoyancy and permeability.

This Commission is formed as follows:

Chairman: Prof. Jan-Anders Manson (Swiss Federal Institute of Technology, Lausanne, SUI)

Members: Mr. Rafael Escalas - Athletes' representative

Prof. David Pendergast (State University of New York - Buffalo) - USA

Prof. Brian Blanksby (University of Western Australia) - AUS

Associate Prof. Shigahiro Takahashi (Chukyo University) - JPN