

# FINA Requirements for Swimwear Approval



Presentation



# FINA Swimwear Approval Commission



## Members

-  Jan-Anders Manson (Swiss Federal Institute of Technology in Lausanne)
-  David Pendergast (State University of New York in Buffalo)
-  Brian Blanksby (University of Western Australia)
-  Shigahiro Takahashi (Chukyo University in Japan)



# Application of the Rules

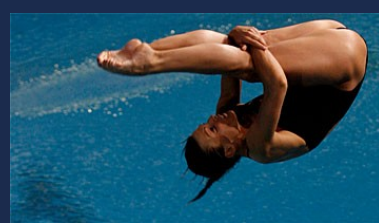
# Application of the Rules



FINA Requirements for Swimwear Approval will be:

— applied only for **FINA** and **Olympic Games** in the **Swimming Pool Competitions**

— enforced from January 1st, 2010



Criteria

# Criteria



## Design

### Decency

### Surface Covered

- Men swimsuit shall not extend above the navel or below the knee.
- Women swimsuit shall not cover the neck or extend past the shoulders, nor shall extend below the knee.

### Composition

- Men's swimsuits are in one piece.
- Women's swimsuits may be in one or two pieces.



# Criteria



## Material

### 🏊 Health

### 🏊 Type of material

- The material used for swimsuits can be only "Textile Fabric(s)" defined for the purpose of these rules as material consisting of, natural and/or synthetic, individual and non consolidated yarns used to constitute a fabric by weaving, knitting, and/or braiding.



# Criteria



## Material



Surface treatment



Flexibility / Regular flat material



Outside application






Variety of materials



# Criteria



## Bests performed:

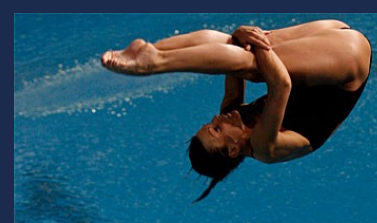
-  Thickness – maximum of 0.8mm
-  Permeability – more than 80 l/m<sup>2</sup>/second
-  Buoyancy - the buoyancy effect shall not be above 0.5 Newton measured after application of vacuum



# Criteria

## Construction

- 🏊 No zippers
- 🏊 Functional Seams
- 🏊 No customisation





# Approval Procedure

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Submission dates

Reception of the swimsuits samples

Dispatchment of the samples to the EPFL

Conducting Tests and transmission of the final results

Commission Meeting and decision taken by the FINA SA Commission

Communication to the Manufacturers and publishment of the Swimsuits list





Thank you!