

Fluor ban implementation

2024/25



MAY 2024

Testing Procedure

- FIS Control Team = Equipment Fluor Controller
- The control will be carried out randomly at each FIS race level.
- The testing will be performed at the finish/start area in a dedicated tent/container.

Testing Procedure After Competition

1. Skis/Boards delivered to the Fluor Test Area
2. The athlete personally put the ski/board in the designated rack of the Fluor Equipment Controller.
3. Skis/Boards are tested (tent/container).
4. All data collected will be register in a data base by FIS.
5. After the skis/boards have been tested, they will be placed in the designated rack and can be collect by athletes or teams.

Red ski

- When an athlete ski/board is controlled “**Red Fluor**”, the staff representing the racer will be informed by the Equipment Fluor Controller.
- A maximum amount of two people (athlete include) can come to the tent to collect racing skis/boards.
- If request, the Equipment Fluor Controller, after the end of the race, will show the results that:
 - lead to the athlete’s disqualification (DSQ).
- All data collected will be register in a FIS data base.
- Any remeasurements will not be considered when the “Red Fluor” ski/board get out of the dedicated Red rack.

ICR

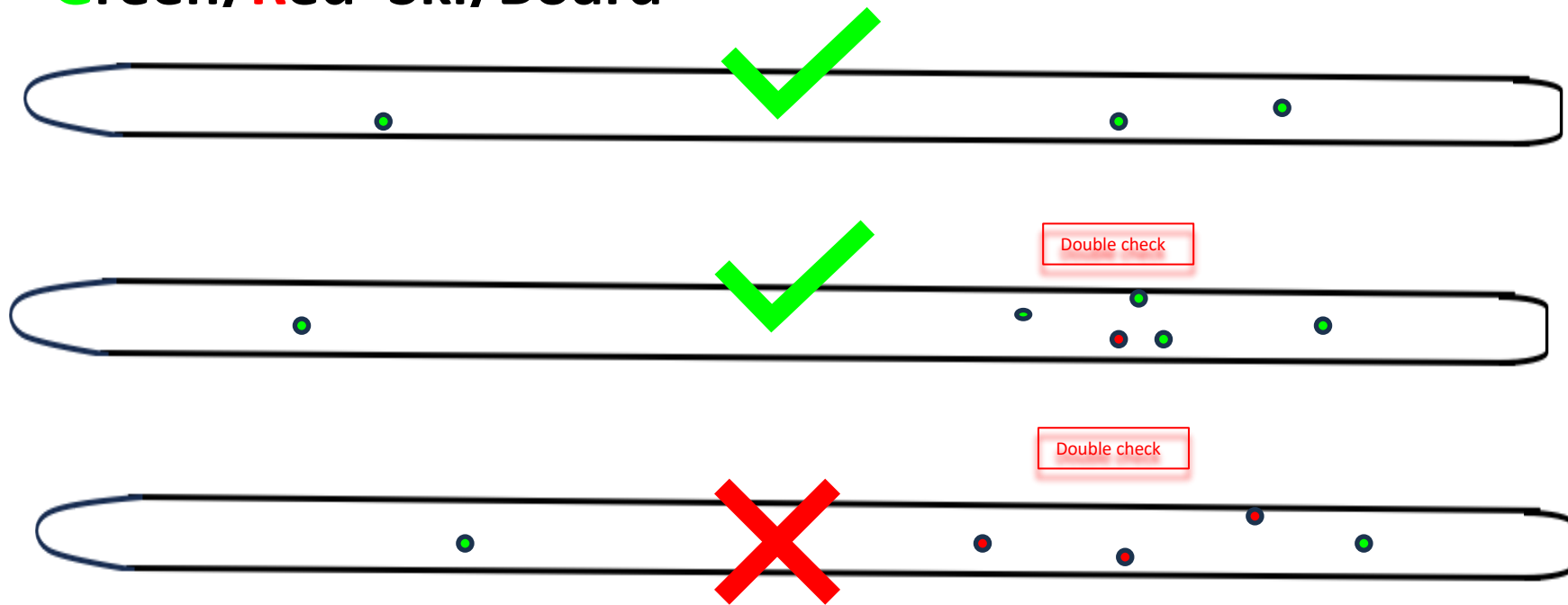
222.8

Use of fluorinated wax or tuning products containing fluorine is prohibited for all FIS disciplines and levels. Fluorinated wax can be a competitive advantage and its use in competition will result in disqualification. (see competition rules and equipment specifications.)

Procedure and summarizing the result

- 0-1 GREEN, move to next point, up to three points
- If >1 RED but remeasure without moving the instrument if <1 GREEN if >1 RED, Green means green point, Red means red point.
- If RED continue to next point
- **If RED but close to threshold, make a background measurement and remeasure**
- If RED value is noted move the ski to the side, continue with other skis and then remeasure the previous ski for confirmation

Green/Red Ski/Board



Sanctions

After the finish

- A positive test will lead to a disqualification (DSQ as per 222.8) of the competitor
- The decision has to be communicated by the Fluor Equipment Controller and is not appealable
- Based on evidence (Testing results)

"In the regulatory sense, fluor controls are considered a material control as defined in ICR rule 222.6. When a ski is indicated red it will be moved to a second instrument and preferably other operator for a second judgement. We do this to minimize any operational influence on the result i.e. we want to be able to reproduce the result. Both in terms of hardware and human error. In the cases where this is not possible no extra instrument or personnel. The extra measurement will be conducted on the same instrument and same person but with a delay were other skis have been measured in between.

Decisions after the testing procedure described above cannot be appealed against, as set out in ICR rule 222.6.1 ("At all FIS events where official FIS measurement experts using the official FIS measurement tools are appointed, the result of measurements carried out at the time are valid and final, irrespective of previous measurements")."

Material provided by Fluor Equipment Controller:

-Device, PC and all necessary hardware to do measurements

Material/Manpower needed from OCs:

-Tent 3mX3m with side walls/container

-Table

-1/2 Chairs

-Electric heating

Material/Manpower needed from OCs:

- Fenced zone to mount the tent, size 3mX5m as flat as possible, next to the exit gate
- Floor, any not slippery material, size 3mX3m
- Reliable electric power source (110/220 Volts)

Material/Manpower needed from OCs:

- 2X skis/boards racks

- 1or 2 assistant from 1hour before the start until the end of the race

- Transport of the Fluor Equipment Controller material if his car couldn't reach the finish area

Personnel and responsibilities

1 Fluor Equipment Controller:

Directly involved and responsible for the organisation of fluor testing before and during the event

Responsible for smooth flow of the fluor testing on site

The only person to communicate with the Jury and RDs

Collects information from Teams and SRS about development in ski waxing to improve the testing “models”

Accommodation and travel costs covered by FIS

The Fluor Equipment Controller is on FIS payroll

1-2 LOC assistant: depending on the number of the devices

Jury: Receives information from the Fluor Equipment Controller
Makes decision about DSQ and potential sanctions