Fluor ban implementation

FIS SKI JUMPING

September, 2023

- FIS confirmed full implementation of the fluor wax ban start to 2023/24 season

- FIS will carry out testing to ensure that skis are fluor-free at top-tier events
  - FIS World Cup
  - FIS World Ski Championships
  - Other major events such as FIS Junior World Ski Championships

- Testing at other level events will be carried out on a random basis to ensure those events are also regulated
  - Cooperation with NSAs

- FIS has agreed, like the IBU, to ban the use of fluorine waxes, which is mandatory for FIS competitions. Where and how the FIS will control is entirely its decision.

- Be sure, that it is in the interest of FIS to make the start of testing as smooth as possible

- Please note that FIS will not publish certain information regarding the number of tests and places because some information will stay confidential. (you will never receive f.e. the detailed list of all doping controls etc.)

Testing Procedure

- FIS Control Team = Fluor Equipment Controller
- The control will be carried randomly at World Cup competition, JWSC&U23WSC.
- The testing will be performed at the finish area in the EQC container or/and at the start
- Dedicated testing sessions offered before the season’s start

Testing Procedure After Competition

-The athletes’ skis can/could be tested randomly during qualification and race

-Skis are delivered to the Fluor Test Area

-The athlete personally put the skis in the designated rack of the Fluor Equipment Controller.

- No interaction by a steward or teams.

Testing Procedure

- Skis are tested (container/tent).

- All data collected will be register in a data base by FIS.

- After the skis 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 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.
-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 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.)

Measuring procedure

- Aim to test 1ski of each pair
- 0-1 GREEN, move to next point, up to three points
- RED, as many points as needed will be measured to confirm the red point, if three points are red, DSQ
- When skis are GREEN, they will be moved to a dedicated rack where they can be picked up immediately
- When skis are RED, they will be moved to a dedicated RED rack. The request to see the results could be done by the representative person (NSA/SRS) after the end of the race

Measuring table

Threshold zones				
0-1				
Measurment result in 3 points			Reaction	Decision
			OK	OK
			OK	OK
			OK	OK
			Failed	DSQ

Sanctions TBC

Before the start

- 351 Not Permitted to Start, Competitors will not be permitted to start in any FIS international ski competition who:
- 351.2. violates the FIS rules in regard to equipment (art. 222) and commercial markings (art.207)

- The decision has to be communicated by the Fluor Equipment Controller and is not appealable

- Based on evidence (Testing results)

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:

-Tent 3mX3m

-Table 2.80x0.74

-Electric heating

-Device, PC and all necessary hardware to do measurements

Material/Manpower needed from OCs:

-Fenced zone to mount the tent, size 3mX5m as flat as possible

-Floor, any not slippery material, size 3mX3m

-1/2 chairs

-Reliable electric power source (110/220 Volts)

-2X skis 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

-If OCs prefer to use their own material such as, EQC container or 3mX3m tent with sidewalls, table and heating, obviously it would be a great help for us, please let us know so that we can organize ourselves in the best possible way

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 DQS and potential sanctions