



Routesetting Checklist

The following list presents what is required from the Event Organiser to the routesetting team.

Wall design:

The wall design shall be transmitted to the Sport Department and the IFSC Chief Routesetter at least 3 months before the event. In case of construction of new walls the IFSC strongly recommends the Event Organiser to seek advice on the design of the wall well in advance.

Wall preparation for routesetting:

The time period for routesetting shall start 5 days before the first day of competition or otherwise agreed with both the Sport Department and the Chief Routesetter. The wall shall be ready before this time, if the wall is built for the purpose of the event it must be finished in construction in all its parts (including painting and /or cleaning). Furthermore, the wall shall be clean of all holds, macros and volumes (unless previously agreed with both Sport Department and the Chief Routesetter) with mats and / or belaying point installed and secured, to allow climbing and testing of the routes.

In case of outdoor event, the wall should be covered to protect the climbing surface and /or the mats from the rain.

Warming up zone:

Warming up zone ready so it can be checked by the Chief Routesetter. In case of any problem, Chief Routesetter will immediately inform the Sport Department and the IFSC Technical Delegate. The Event Organiser is responsible to place holds on the warming up wall.

Hold, macros and volumes:

A detailed list of holds, macros and volumes available at for the competition shall be transmitted to the Sport Department and the Chief Routesetter at least 3 months before the events **for approval**. Such list shall include holds, macros and volumes manufacturers, quantity, type and colour.

Only holds', macros' and volumes' brands listed in the *Official Sport Equipment yearly updated Catalogue of Holds, Macros and Volumes* as published on the IFSC website shall be allowed on the field of play.

Hold, macros and volumes **shall** be from more than one provider to ensure the highest quality of the competition.



IFSC Category Definitions:

Each category is defined by the material and/or manufacturing process, and not by its size.

Holds: Climbing holds made of polyester, polyurethane resin (including screw-ons) or solid wood

Macros: Laminated climbing structures made of fabric (fiberglass, carbon, coconut etc.) and strengthened by resin (polyurethane, polyester, or other materials)

Volumes: Wooden volumes made of (hollow) wood (including wooden screw-ons)

Logos on holds, macros and volumes **shall** comply with the regulations specified in the *Official Sport Equipment yearly updated Catalogue of Holds, Macros and Volumes*.

Maximum logo size: the producer’s identification mark/logo is determined by the size of the product, not by category.

Size of Holds, Macros, Volumes	Maximum logo size allowance (cm)
Max length less than 30 cm	2 x 2 cm or 1 x 4 cm
Max length between 30 cm and 50 cm	3 x 3 cm or 2 x 5 cm
Max length greater than 50 cm	7 x 7 cm or 5 x 10 cm

Note: If the logo size exceeds these dimensions, the logo will be sprayed or covered. In such case, spy paint and volunteers shall be provided.

The IFSC Chief Routesetter retains the right to request additional holds to the Event Organiser if not satisfied with the selection of available holds. In such case the IFSC Sport Department will be in charge of managing the requests. Should the Chief Routesetter not receive sufficient information regarding available equipment or should the equipment not conform with the *Official Sport Equipment yearly updated Catalogue of Holds, Macros and Volumes*, a purchase of missing holds, macros and volumes might be triggered. **Costs will be re-invoiced by the IFSC to the Event Organiser.**

At the start of the routesetting period (5 days before the first day of competition) holds, macros and volumes shall be found clean (if already used), unwrapped and organised (if new).

Holds, macros and volumes quantities:

	volumes wood	Macros fiberglass	micro holds	footholds	xxl holds	different holds
Lead	200	200	700	100	200	500
Boulder	250	250	900	0	250	450

Please note that these are minimum quantities and do not include the holds for warm-up



Screws:

Suitable screw should be provided for all the holds and Volumes, Screws should be 5mm in diameter, for wood, and fully threaded. The EO should provide a minimum of two lengths of screw – ideally 50mm long and 70/80mm long (for securing holds and micros, and for volumes).

Screw numbers for events should be as follows:

- Screw size 5x50 – at least 1000 minimum
- Screw size 5x70 – at least 400 minimum

Ideally all screws should have a Torx head of the same size (typically T25). In the event Torx head screws are unavailable, Pozidrive screws or KTX screws should be provided. The chief route setter should be consulted if there is any issue with this. Screw driver bits should be provided of the necessary size to match the screws for the setting team. There should be allowance of 10 bits per route setter to allow for any breakage in use.

Mechanical Elevation system:

At least **two** mechanical elevation system, with an operator available full time (if the IFSC Route Setting team is not able to drive it). The elevation system shall allow the routesetting to reach the top of the wall in safe conditions. One of such lifts shall allow to take 3 people (meaning large basket and handling bigger weights). In cases of a new venue, the Event organiser shall check with the nominated Chief Routesetter before selecting the lift.

Impact drivers:

Minimum two impact drivers.

Minimum two appropriate battery chargers.

Ropes:

For lead competition 2 new ropes.

Chalk and brushes:

For Lead and Bouldering

Ladder:

In bouldering competition a minimum of 6 ladders, with at least 2 of each size (2.0 m, 3.2m, 4 m).

Signage for routes:

Tape should be provided at least one day before the competition: lead (blue, black grey) ; bouldering (black orange, blue and grey). Staple gun and staples should be provided for attachment of tapes at least one day before the competition as well as marker pens in time for setting.

Holds, macros, and volumes management:

- Boxes: 15 to 20 plastic tubs/boxes with volume 100 l (or 27 US gal)



- String for holds as well as brushes for cleaning.
- A minimum of 3m x 3m clean area, completely protected from weather, and easily accessible to the climbing wall for the holds/volumes from each competition round. Ideal example: A single dedicated room 5m x 8m for an indoor facility or a separate storage unit in an outdoor venue, and within 10 meters of the climbing wall.

Safety:

Certified quick links and slings available for the competition according to the IFSC Rules.

Power source:

Close to wall, for battery chargers.

Human resource: Person helping out with fixing wall maintenance as well as access to the venue

ROPE ACCESS REGULATIONS: The Event Organiser will be requested to inform the Route Setting team of the country regulation for all work in height regulations and if required provide the required equipment to protect them and the environment. The IFSC route setting team will have to strictly comply with these regulations.