



19th Asian Games - Hangzhou
Sailing Competition, 19-27 September 2023
Ningbo Sailing Center, Hangzhou, China

EQUIPMENT REGULATIONS

Version 5 September 2023

Change Log – Changes from the previous version are marked in red

Amendment 1, 5th September 2023 Addendum A 470 Class rule 10.4(a) 4 reinstated



1. General

1.1. All boats and equipment entered for the 19th Asian Games - Hangzhou shall be inspected in accordance with the relevant rules including Class Rules, Notice of Race (NoR), Sailing Instructions (SI) and Equipment Regulations (ER), defined collectively as the Event Equipment Rules.

1.2. The Technical Committee (TC) is responsible for all equipment inspection functions. The Chair of the TC may appoint one or more persons to carry out the functions of the Technical Committee. The TC is the 'responsible authority' for the purposes of RRS 64.4(b) and it shall be the authority for determining if equipment complies with the event Equipment Regulations and for interpreting the Class Rules during the 19th Asian Games - Hangzhou.

1.3. After a boat has completed its pre-event equipment inspection, only entered competition boats and equipment may be kept in the boat park (except with prior written permission of the TC). However, spare items may be carried by support vessels but shall not be used unless substitution is permitted by the TC

1.4. Boats shall be kept in their assigned place in the boat park as assigned by the OA.

1.5. Each boat is required to comply with RRS 78.1 and the event Equipment Regulations from the time of its pre-event equipment inspection onwards unless otherwise approved by the TC. In accordance with the Equipment Inspection policies, non-compliance may be protested and penalized as if it was discovered after racing.

1.6. For 470 class boat, athletes shall present a valid hardcopy certification documentation for their boat. This certification documentation shall include the hull Measurement Form and the hull Measurement Certificate. If any document is a photocopy, its authenticity shall be confirmed with an original stamp and signature from the issuing authority, from the class database or by a scanned document emailed from the issuing authority directly to the Organising Authority.

1.7. Any changes to these ER will be posted on the Official Notice Board in accordance with the Sailing Instructions.

2. Equipment Limitation Marking

2.1. All items of equipment subject to event limitation control shall be marked with the official event limitation mark at the time of pre-event equipment inspection. If a mark becomes unclear, insecure or lost, this shall be reported to the TC before the next race, so that the mark will be replaced.

3. Repair and Replacement of Boats and Equipment

3.1. All repairs and replacements after completion of pre-event equipment inspection shall require prior written approval of the TC.

3.2. Equipment Repair / replacement request forms will be available at the TC/Regatta Office.

3.3. Repairs or replacements required afloat shall be notified to the TC prior to the start of the next race. If there is no time to notify the TC prior to the start of the race, the repair or replacement shall be notified to the Race Committee or a member of the Jury prior to the start of the next race.



3.4. Any repairs and/or replacements carried afloat shall be reported ashore in writing to the TC within the protest time limit and both the replacement part and replaced equipment shall be presented to verify compliance with Class Rules.

3.5. The re-use of replaced equipment subsequently being repaired shall require prior written approval of the TC.

4. Equipment Inspection

4.1. Pre-event equipment inspection will take place in accordance with the schedule published in the Official Notice Board. Boats and equipment shall be presented at the designated time in accordance with the boat-specific requirements mentioned in the Equipment Regulations.

4.2. Boats and equipment shall be presented for equipment inspection in a dry, clean and salt-free condition. All equipment shall have all event limitation stickers from previous events removed.

4.3. All boats shall be presented for pre-event equipment inspection with all equipment as required or permitted by the Class Rules, including sails, personal flotation device(s), helmets, trapeze harness(es) where applicable and any electronic personal equipment items like watches etc.

4.4. Only one set of items of equipment that are to be inspected or controlled, shall be presented for pre-event equipment inspection

4.5. Personal flotation device(s) shall comply with the respective Class Rules and their size shall be appropriate for the body type and size of the user. Where not specified in the Class Rules, personal flotation devices shall be in compliance with EN 393 or ISO 12402-5, level 50 or an equivalent standard. Inflatable Personal Flotation Devices are not permitted. SOLAS approved whistle is mandatory if specified by the class rule.

4.6 Personal equipment that includes timing and/or electronic devices with functions in addition to boat heading and timing are not permitted unless otherwise specified in the personal equipment section of the respective Class Rules.

4.7. At least one athlete and/or a maximum of two support team members shall be present at all times during equipment inspection. An interpreter may also be present when needed, if approved by the TC.

4.8. At any time during the racing days, a boat may be informed by a TC member that it has been selected for equipment inspection. When so informed, the boat shall move directly as instructed to the indicated area at the race area or at the Sailing Venue.

4.9. When a boat has been informed that it has been selected for inspection no person shall join or leave the boat without permission from the TC. No equipment or other item shall be taken on or off the boat without permission from the TC. The notified athletes shall not leave the equipment inspection area without the permission of the TC. After inspection of the athlete clothing and/or equipment, at least one crew member or support team member shall remain present during the inspection of the boat. The TC may require the boat to be quarantined in order to perform the requested inspections.

4.10 In the Equipment Inspection Form the Serial number of each piece of equipment should be filled up in the appropriate space along with other details wherever applicable legibly.



5. [SP] Medal Race / Medal Series Procedures

5.1. On completion of the opening series, boats qualified for the Medal Race or Medal Series shall be available for inspection at the quarantine / pit lane area. A penalty given under this ER shall not be grounds for a boat to request redress. This changes RRS 62.1(a).

5.2. Boats shall be present into the quarantine area at the date and time specified in the notice Board. Access to the quarantine area shall be prohibited after equipment inspection on the day of that Medal Race or Medal Series except for repairs authorized in advance by the TC in writing. The location of the quarantine / Pit Lane Area for each Class of boats will be published in the Official Notice Board.

5.3. On the day before the Medal Race or Medal Series, boats shall be in the designated Quarantine area within two hours of their protest time limit, unless otherwise instructed by the Regatta Technical Committee. This includes boats that may qualify for the Medal Race or Medal Series following a protest or request for redress.

5.4. On the day of the Medal Race or Medal Series, boats shall be presented in accordance with ER 4.3 for equipment inspection two hours before the start time of their race, unless otherwise instructed by the Regatta Technical Committee. This includes boats that may qualify for the Medal Race or Medal Series following a protest or request for redress.

5.5. Boats shall not leave the Quarantine / Pit Lane Area before being signalled by the Race Committee to go afloat.

5.6. If a Medal Race or Medal Series is postponed or abandoned such that the boats return to shore, the boats shall return to and remain in the Quarantine / Pit Lane Area. If a Medal Race or Medal Series is postponed or abandoned for the next day the procedure outlined in ER 5.3 & 5.4 shall be repeated.

6. Onboard Equipment Provided by the Organising Authority (OA)

6.1. Boats shall carry equipment provided and installed by the Organising Authority.

6.2. For the purpose of avoiding entanglement with running rigging and sails, only rope, elastic and adhesive tape may be attached to OA's equipment mounts and brackets, provided that it does not interfere with the operation or field of view of the associated OA's onboard equipment.

Boat & Board Specific Requirements

7. Men and Women's Windsurfer – RS:X

7.1. Foot straps and Fin shall be removed from the board for weighing.

7.2. Sail, Mast sections, Boom & Fin dismantled and presented for inspection.

7.3. Sail shall be presented with the correct Country flag & Country code in accordance to the Class Rules.

8. Boys & Girls / Men and Women's One Person Dinghy – ILCA 4, ILCA 6 & ILCA 7



8.1 Each boat shall be presented for pre-race equipment inspection with the lower mast, boom rigged with the outhaul, cunningham, vang, mast retention line, traveller, hiking strap lines and mainsheet.

8.2 The tiller & tiller extension shall be removed from the rudder head.

8.3 The rudder assembly shall be presented with the rudder blade in the fully lowered position.

8.4 The Daggerboard, Upper Mast, Sails & Battens to be presented for Inspection.

8.5 All sails shall be identified with country letters and country flags in accordance with Class Rules. Female competitors in the ILCA6 & ILCA4 events shall have red rhombus on their sails in accordance to the Class Rules

10. Mixed Dinghy – 470

10.1. Each boat shall be presented for weighing in dry condition and without portable/spare equipment with the mast down, sheets, centerboard & rudder blade placed inside boat. Main Sail, jib, spinnaker, hull corrector weights, tow rope & Jib Luff wire to be removed from hull before weighing. All inspection hatch covers shall be open.

10.2. Each boat shall be presented for pre-event equipment inspection with her certification documentation. Digital certificates on mobile phones will also be accepted.

10.3. The Sails, Centreboard, Rudder blade, Mast, Boom, Spinnaker pole, PFDs, trapeze harness & tow rope to be presented separately for inspection.

10.4 All sails shall be identified with country letters and country flags in accordance with Class Rules.

11. Men and Women's Skiff – 49er, 49erFX

11.1 Mainsails shall be presented with the correct Country flag & Country code in place.

11.2. Hulls **shall** be dry and drained of any internal water and hull corrector weight (if any) removed.

11.3. Ensure ALL control lines including mainsheet bridle etc. are REMOVED from the hull before entering the inspection area. No lines will be held in the air.

11.4. The mast shall have all standing and running rigging pulled tight and tied to the mast and all loose ends secured. Only the Forestay is to remain free to check for length as per class rule compliance.

11.5. The number of sails and spars which may be approved during inspection of the boat shall not exceed one mast, one boom, one bowsprit, one mainsail, one jib and one gennaker.

11.6. Ensure the Mast main sail stopper is in place and in a permanently fixed position.

12. Mixed Multihull – Nacra17 (Foiling)



12.1. Each boat shall be presented for equipment inspection with the mast down. The mast shall have all standing and running rigging pulled tight and tied to the mast and all loose ends secured. All inspection hatches shall be open.

12.3. The number of sails and spars which may be approved during inspection of the boat shall not exceed one mast, one boom, one bowsprit, one mainsail, one jib and one gennaker

12.4. Each crew shall wear a PFD, Helmet and carry a cutting device as per standards mentioned in the class rule. The righting line is mandatory.

12.5 Sails shall be identified with country code and country flag in accordance with Class Rules.

13. Men & Women's Windurfing - iQFOIL

13.1. Foot straps, Foil etc are to be removed from the board for weighing.

13.2. Sail, Mast sections, Boom & Foil fittings dismantled and presented for inspection.

13.3. Impact vest (which can also act as a PFD), Whistle & Helmet as per standards mentioned in the class rule are mandatory.

13.4. Sails shall be identified with country code and country flag in accordance with Class Rules.

14. Men & Women's Kite – IKA Formula Kite

14.1. Hull and Kites should be manufactured by a IKA registered manufacturer and should appear in the IKA website

14.2. One Hull and 4 sizes of Kites are allowed to be used for this event

14.3. Helmet, Hook knife, Body impact vest as per class rules are mandatory. Handlebar quick release system that disconnects the handlebar from the harness with a single hand movement is mandatory.

14.4. Damaged and lost Kites shall only be replaced with kites of the same brand, make, and size.

CLASS	CLASS RULE	CHANGE
RS:X	A.6.1	Does not apply
RS:X	C.6.1 c)	Ammended to read: c) Only hulls with serial number of NP16RSXACI16060001 or higher shall be used
RS:X	C.7.1 a)	Ammended to read: The Men's Windsurfer event shall only use the 660mm Fin with serial number 1266 or higher. The women's Windsurfer event shall use the 600mm Fin serial number 212 or higher.
RS:X	C.8.1 b)	Does not apply
RS:X	C.8.1 d)	Ammended to read: d) Only the RS:X EVO mast shall be used.
RS:X	C.9.2	Does not apply
iQFOiL	C 10.2 (b)	Sail Numbers are omitted as the class rule permits this change
iQFOiL	B 1.1 (b)	Does Not apply
iQFOiL	D 2 (a)	Does Not apply
iQFOiL	E 2 (a)	Does Not apply
iQFOiL	F 2 (a)	Does Not apply
iQFOiL	G 2 (a)	Does Not apply
470	A.8.1	Does not apply
470	C.7	Amended to add: C.7.3 LIMITATIONS (a) Only hulls first certified after 1 January 2013 shall be used
470	C.10.3	Does not apply
470	C.10.4(a)1 & 2 & 4	Does not apply
470	C.10.6	Does not apply
49er	A.11	Does not apply
49er	C.10.3	References to Sail Numbers to be ignored
49er FX	A.11	Does not apply
49er FX	C.10.3	References to Sail Numbers does not apply
ILCA 4	Class Rules 4(a),4(c), 4(d) & 4(e)	Does not apply
ILCA 6	Class Rules 4(a),4(c), 4(d) & 4(e)	Does not apply
ILCA 7	Class Rules 4(a),4(c), 4(d) & 4(e)	Does not apply

