

TRAINING DOCUMENT FOR JUDGES

TRADITIONAL INTERNATIONAL FIRE BRIGADE COMPETITIONS

EDITION 2020

introductory remarks

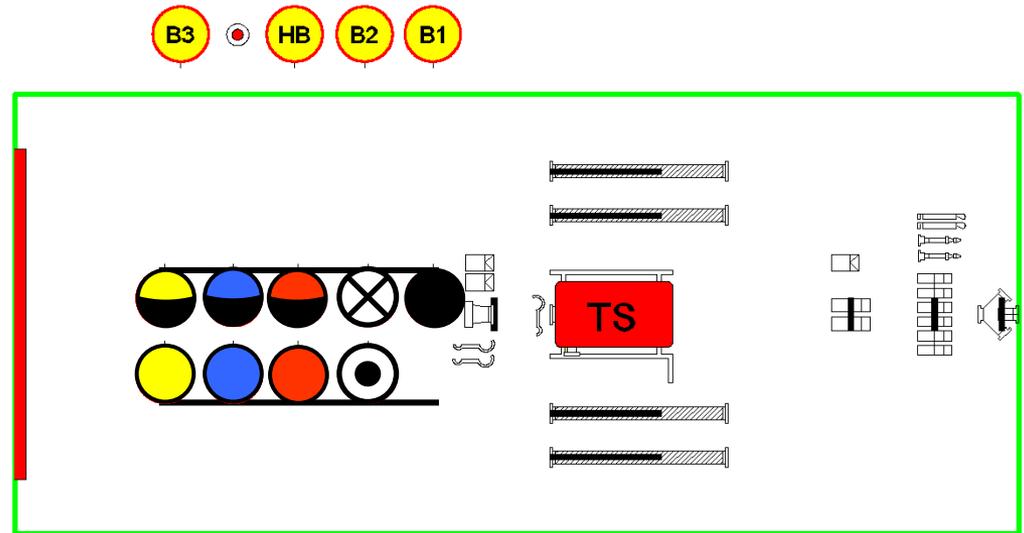
- This training document is intended to assist new and experienced judges
- This document should standardize the evaluation of competition groups
- The basis for the evaluation are the current issue of the CTIF-Competitions Rules for the "*International Traditional Fire Brigade Competitions*" (7th Issue 2011)

introductory remarks

- This document does not claim to be complete
- It solely attempts to graphically illustrate the judges' tasks
- The following texts always refer to the judge who has to make the evaluation in the respective situation. However, it is always recommended that two judges jointly evaluate the situation.
- Eye contact between the judges (especially HB-B3 and B1-B2) during the fire fighting attack is recommended.

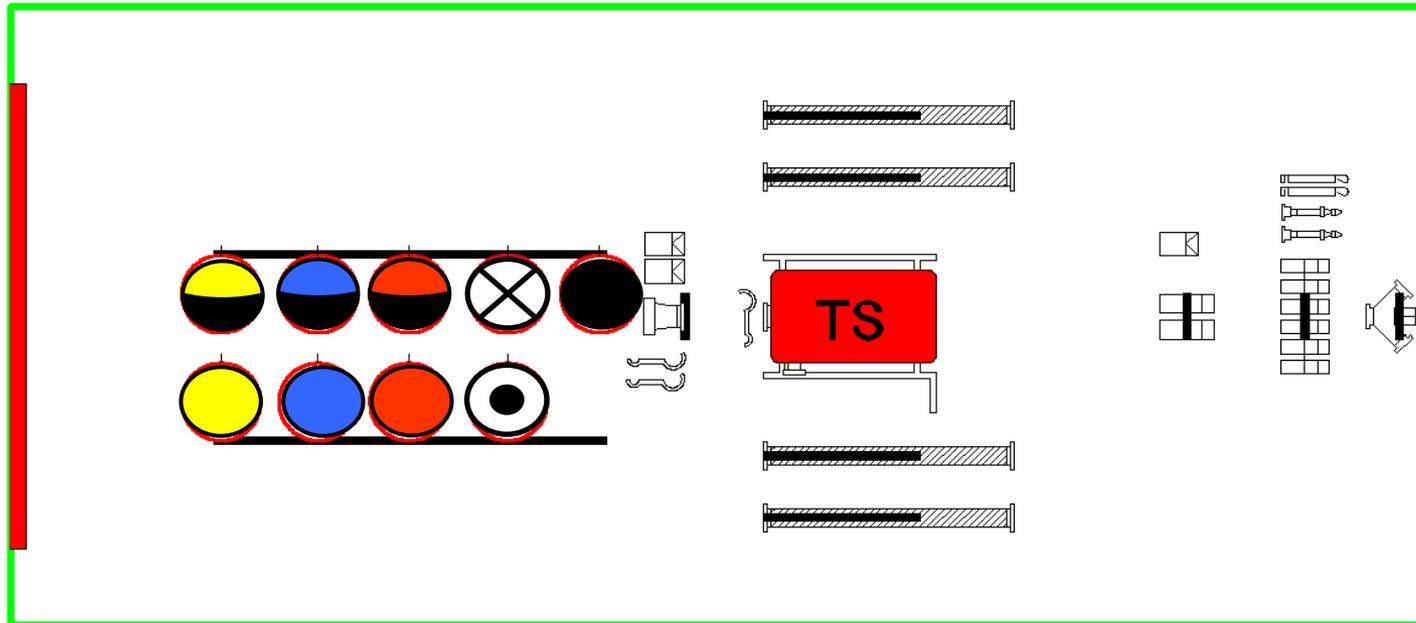
Before the fire fighting attack

- **HB, B1, B2, B3, B4:** The judges treat the competition groups with respect; uniform clothing according to the competition regulations
- **B4:** The judge 4 (B4) makes sure that the competition equipment is set up according to the rules. In no case the judge corrects the equipment but asks the GRCOM (●) to do so.

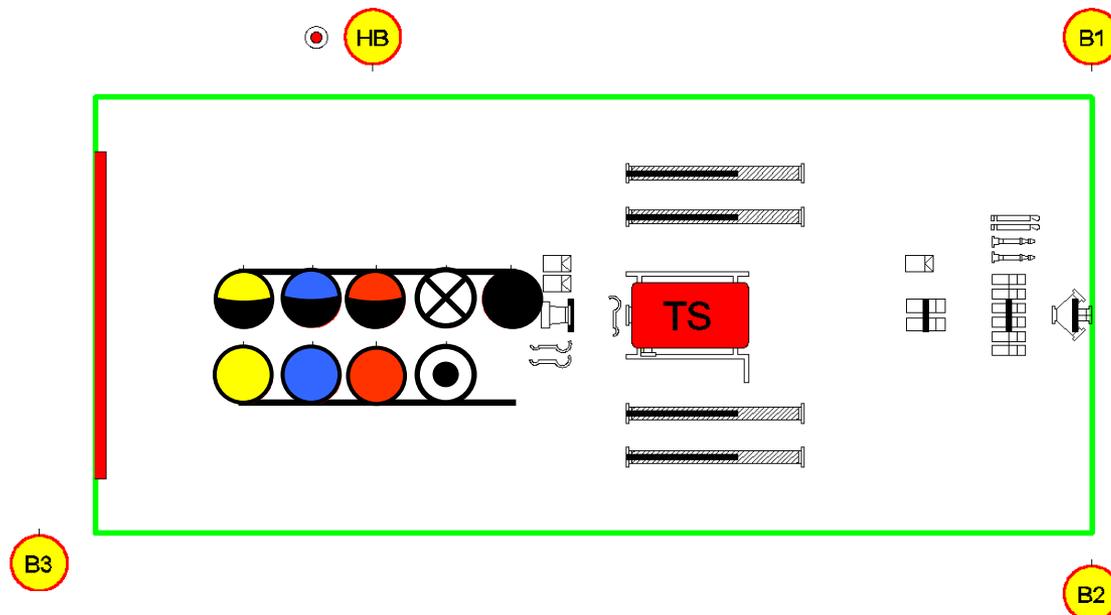


Fire fighting attack assembly for attack

- *HB, B1, B2, B3:* When the GRCOM reports to the main judge, all 4 judges are in a line in front of the competition group.



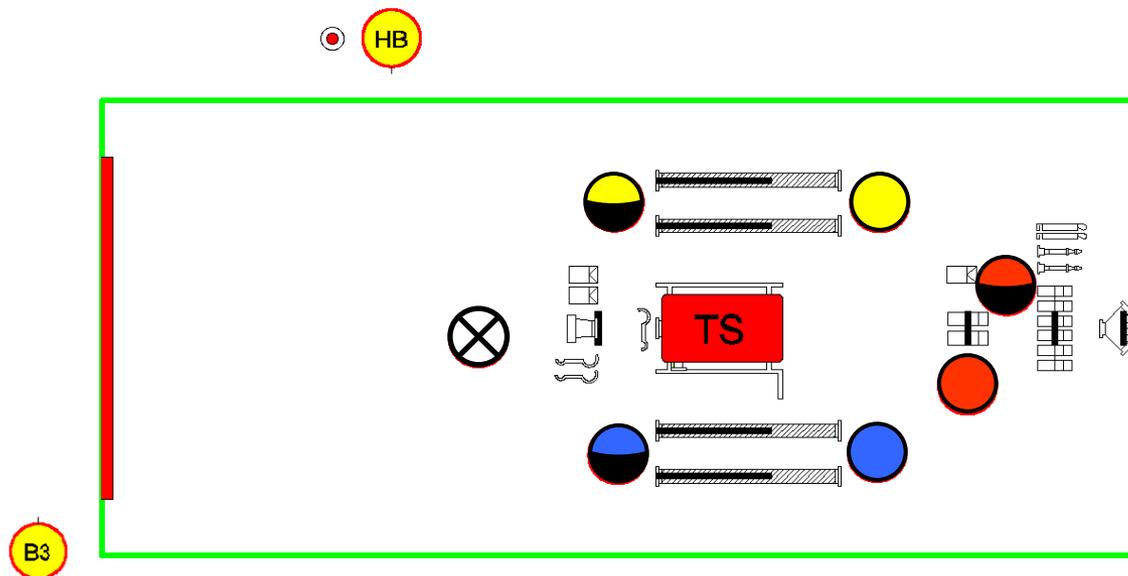
Fire fighting attack - Start



- **HB, B3:** Correct starting line-up of the competition group
- **HB, B1, B2:** Pressing the palm switch (or stopwatch) when the first member of the competition group moves or turns
- **HB, B3:** False start (Penalty points at parallel competition)
- **HB, B3:** Incorrect or not understandable command from PO (⊗) (4 suction hoses)

Fire fighting attack

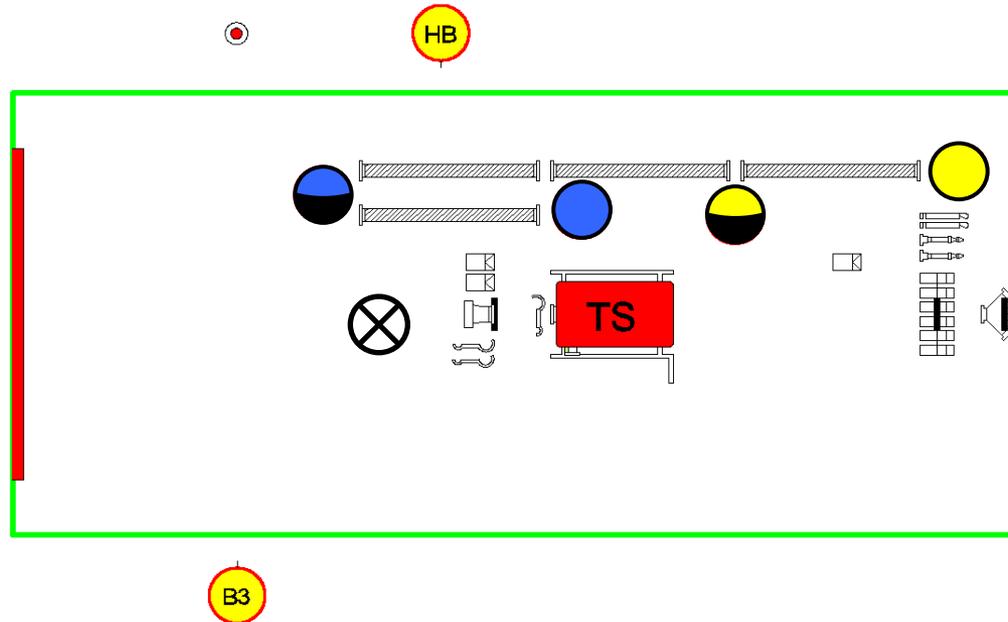
Suction hose line



- **HB, B3:** Dropping of suction head
- **HB, B3:** Move equipment in "2 cycles" to the coupling place
- **HB, B3:** Dropping of suction hose pipe couplings of WTR ((●+●))
- **HB, B3:** Dropping of suction hose pipe couplings of HTR ((●+●))

Fire fighting attack

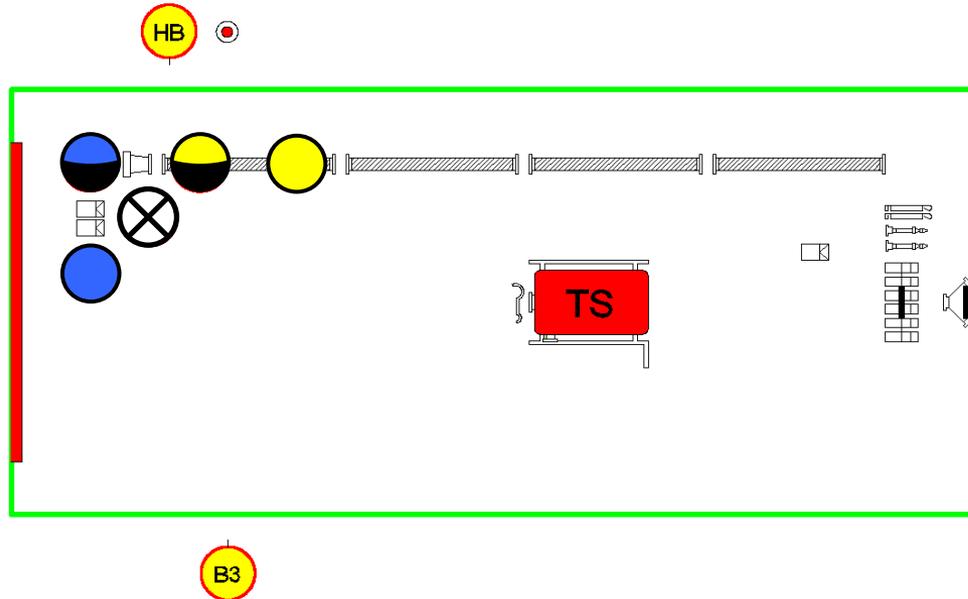
Suction hose line



- *HB, B3:* Correct laying down of suction hose pipes
- *HB, B3:* HTRM (●) laying down the suction hose pipe without the HTRL (●)

Fire fighting attack

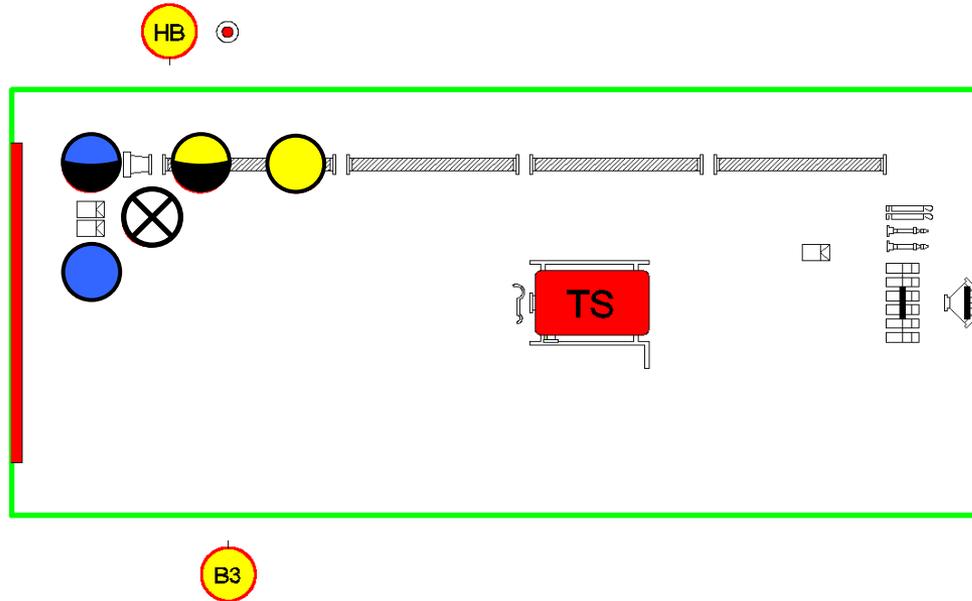
Suction hose line



- **HB, B3:** Correct hand-over of the suction hose from WTRL (●) to HTRL (●)
- **HB, B3:** Correct hand-over of the suction head
- **HB, B3:** The coupling of the first suction hose pipe touches the ground during the coupling process of the suction head

Fire fighting attack

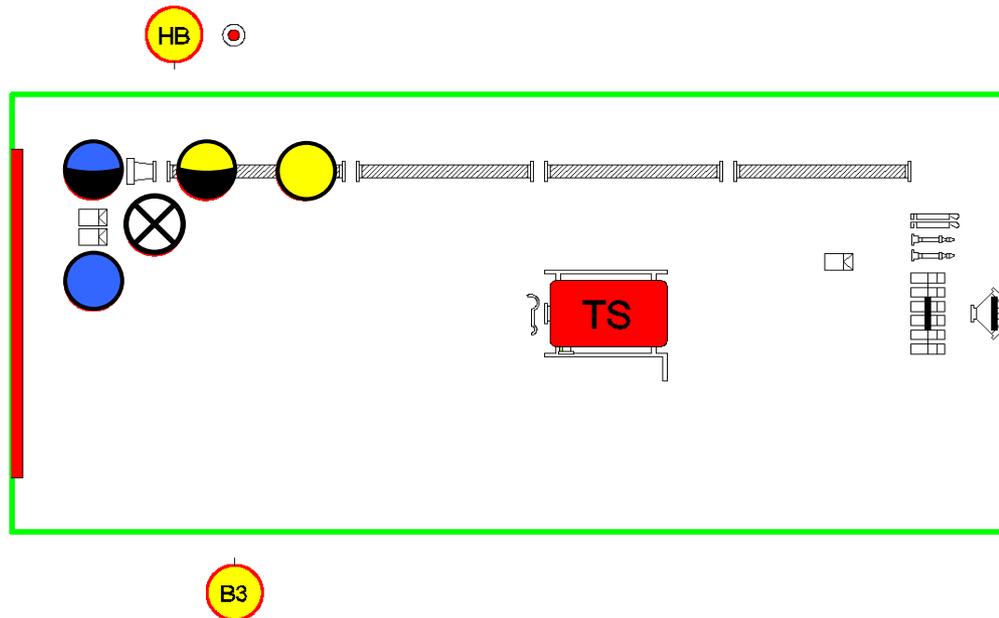
Suction hose line



- **HB, B3:** Suction head and suction hose pipe are tightened with the coupling keys when lying on the ground
- **HB, B3:** Foot or hand protrude complete over the read lath and touch the ground at the same time
- **HB, B3:** The competition equipment touches the ground behind the red bar, except for the suction head

Fire fighting attack

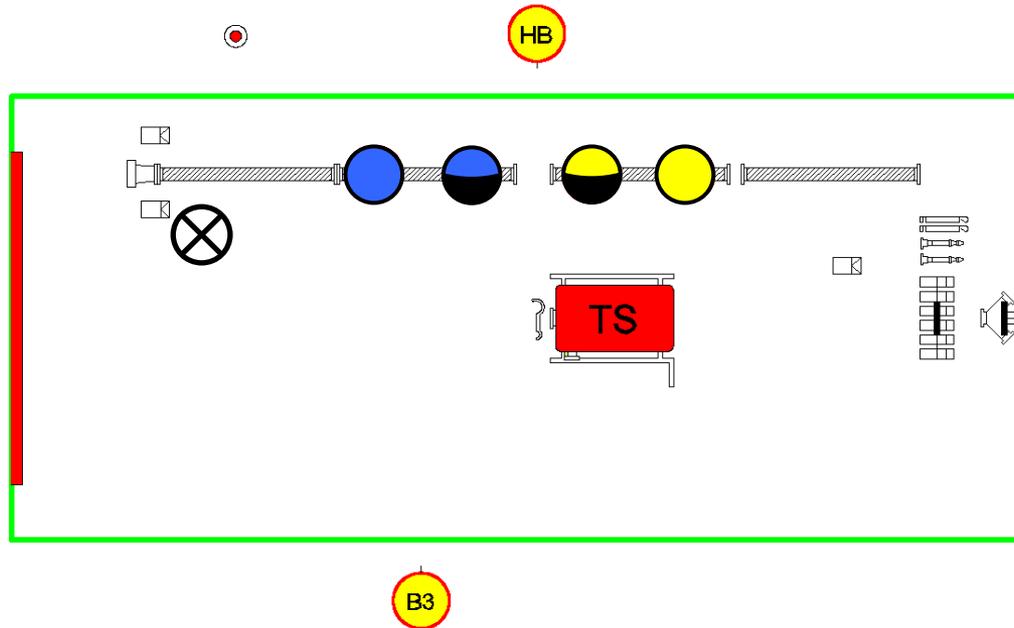
Suction hose line



- **HB, B3:** Dropping the coupled suction head
- **HB, B3:** WTRM (●) does not touch both rope bags
- **HB, B3:** Rope bags are touched by other competitors (except from PO (⊗) oder WTRM (●))
- **HB, B3:** GRCOM (●) and/or RO (⊙) watch the coupling process

Fire fighting attack

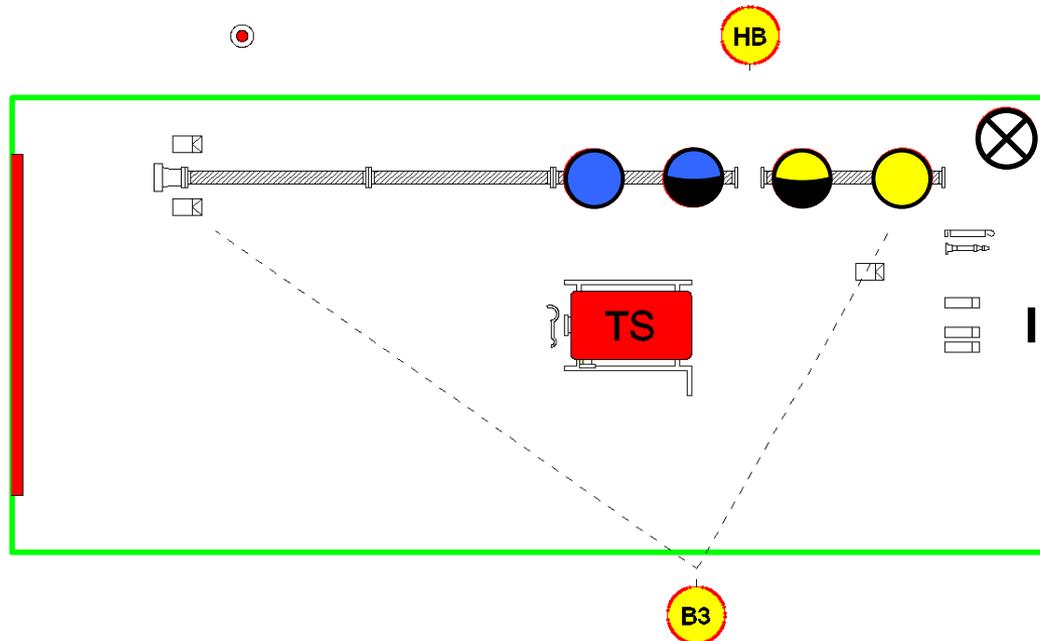
Suction hose line



- *HB, B3:* Couplings of the suction hose pipes touch the ground during the coupling processes
- *HB, B3:* Improper movement from suction hose to suction hose
- *HB, B3:* HTRM (●) touches the following suction hose pipe with his hand

Fire fighting attack

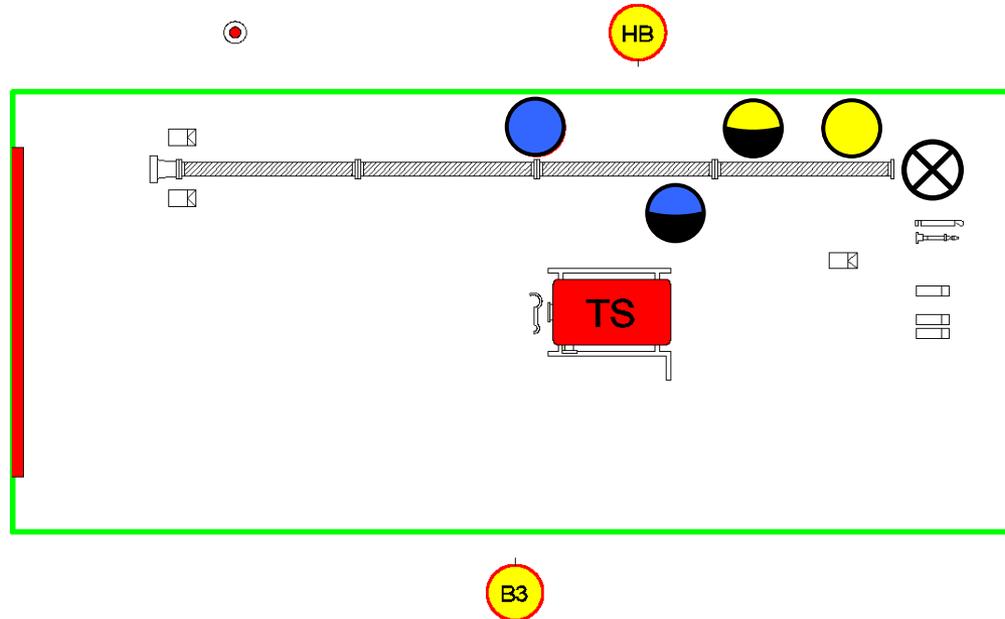
Suction hose line



- **HB, B3:** HTRM (●) is not positioned at the last coupling or not in the imaginary line above the suction hose pipe
- **HB, B3:** Coupling keys are not enclosed to the couplings properly during the coupling process

Fire fighting attack

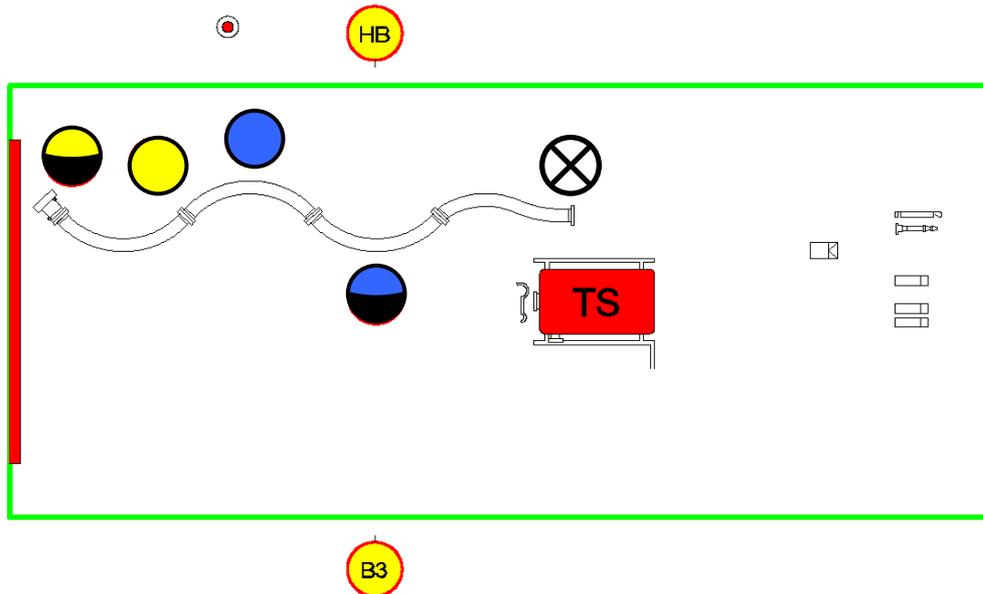
Suction hose line



- **HB, B3:** Incorrect handing over of the coupling key between WTRL (●) and HTRM (●)
- **HB, B3:** Suction head moves towards water supply point

Fire fighting attack

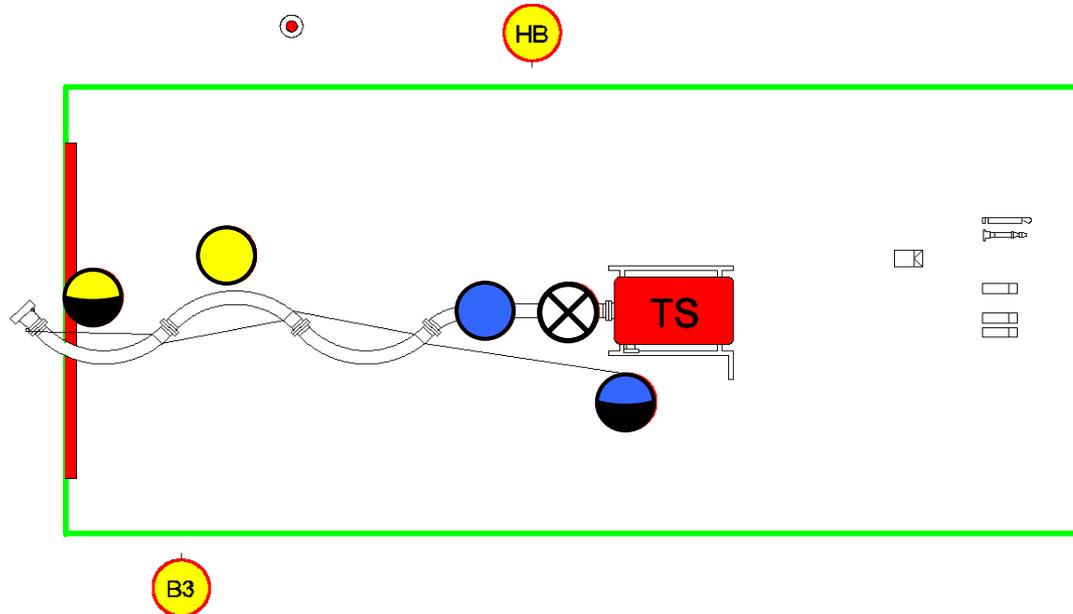
Suction hose line



- **HB, B3:** „Suction pipe to water" HTRL (●), HTRM (●) and WTRM (●) do not put their hand on a coupling – touch at least briefly
- **HB, B3:** „Suction pipe to water": HTRM (●) touches the coupling of the WTRM (●)
- **HB, B3:** Command „Suction pipe to water" before the last knot

Fire fighting attack

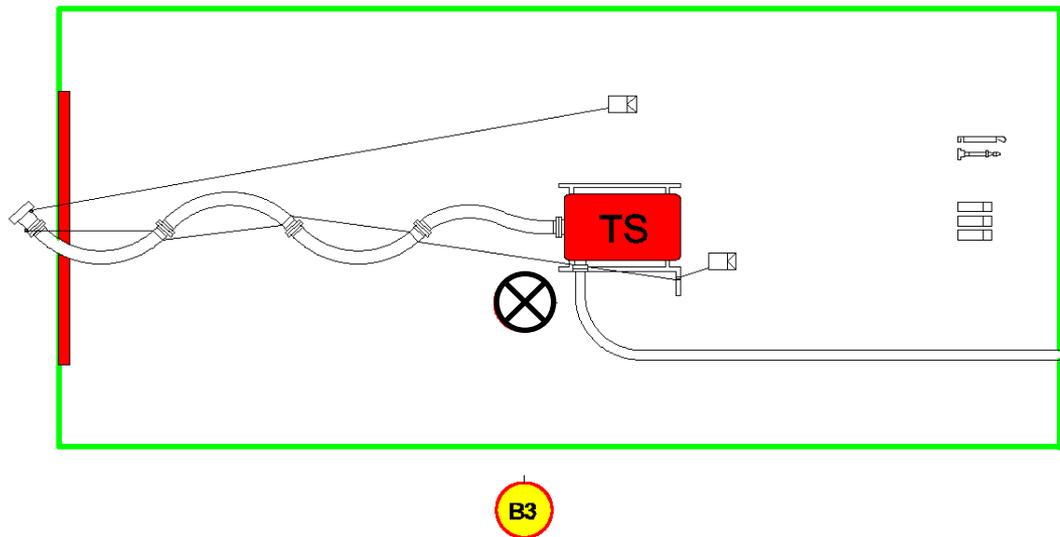
Suction hose line



- **HB, B3:** Correct timing of hooking in the carbine of the valve rope (suction head must not have been put “in water”)
- **HB, B3:** Correct “Sucked in!” of PO (⊗) und WTRM (●)
- **HB, B3:** Run away before “Sucked in!”

Fire fighting attack

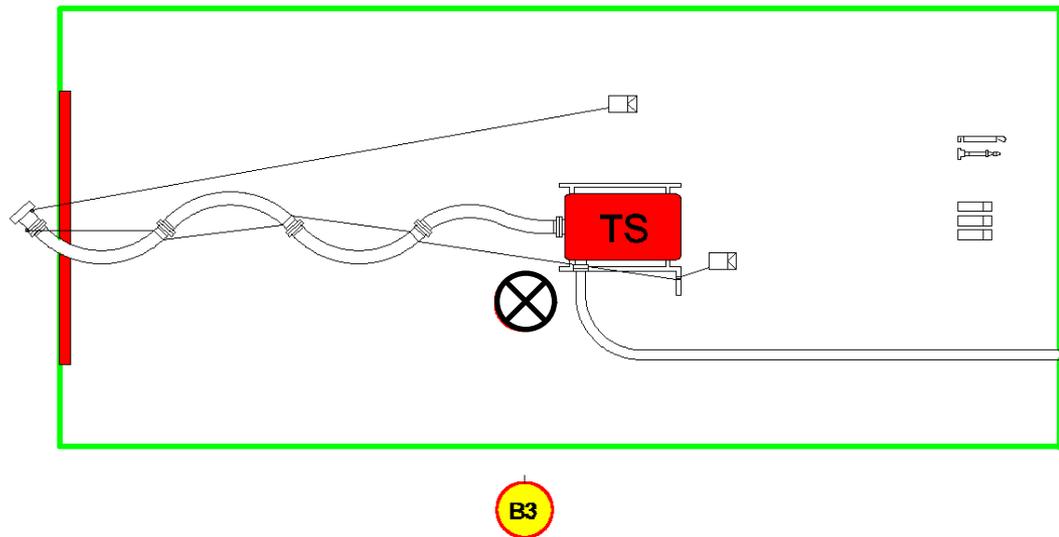
Suction hose line



- **HB, B3:** Check suction hose rope and valve rope (firmness of the knot on the handle)
- **HB, B3:** Coupling keys of HTRM (●) and/or HTRF (◐) remain in the area of the portable pump
- **HB, B3:** Correct placed suction head

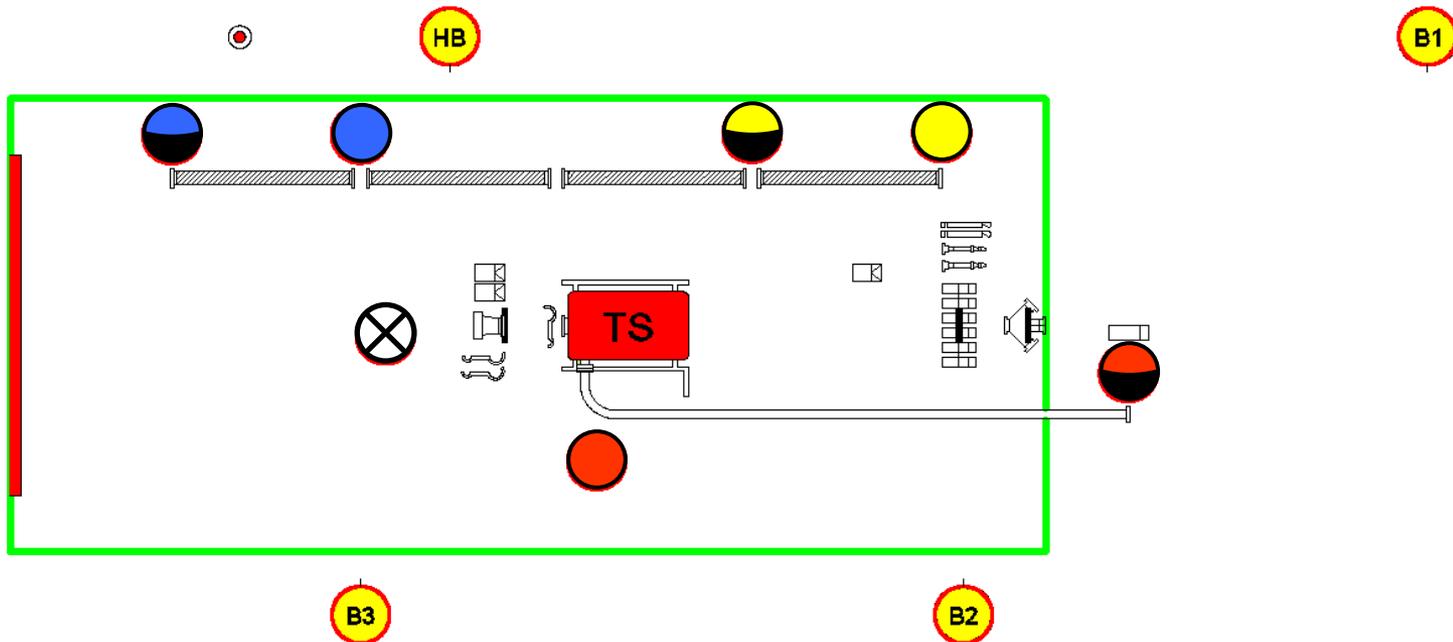
Fire fighting attack

Suction hose line



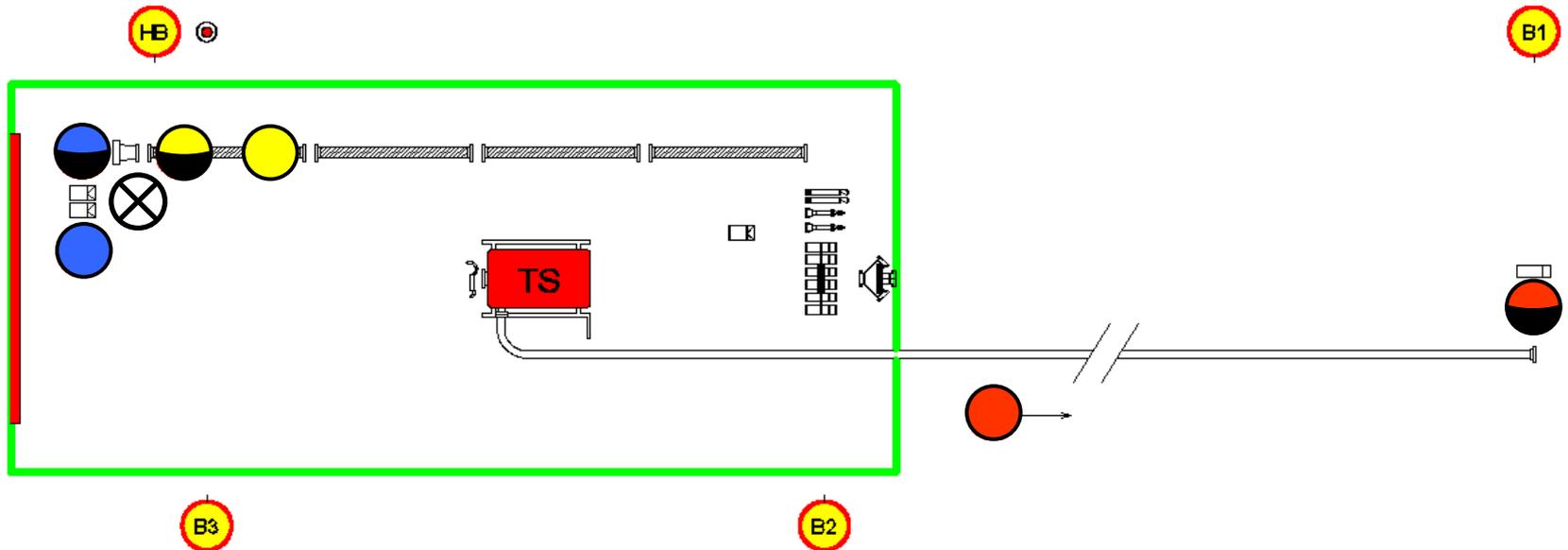
- **HB, B3:** Effectively placed carbines
- **HB, B3:** Check of all couplings starting from suction head to portable pump including the B-coupling at the right pressure exit

Fire fighting attack Conveyor line



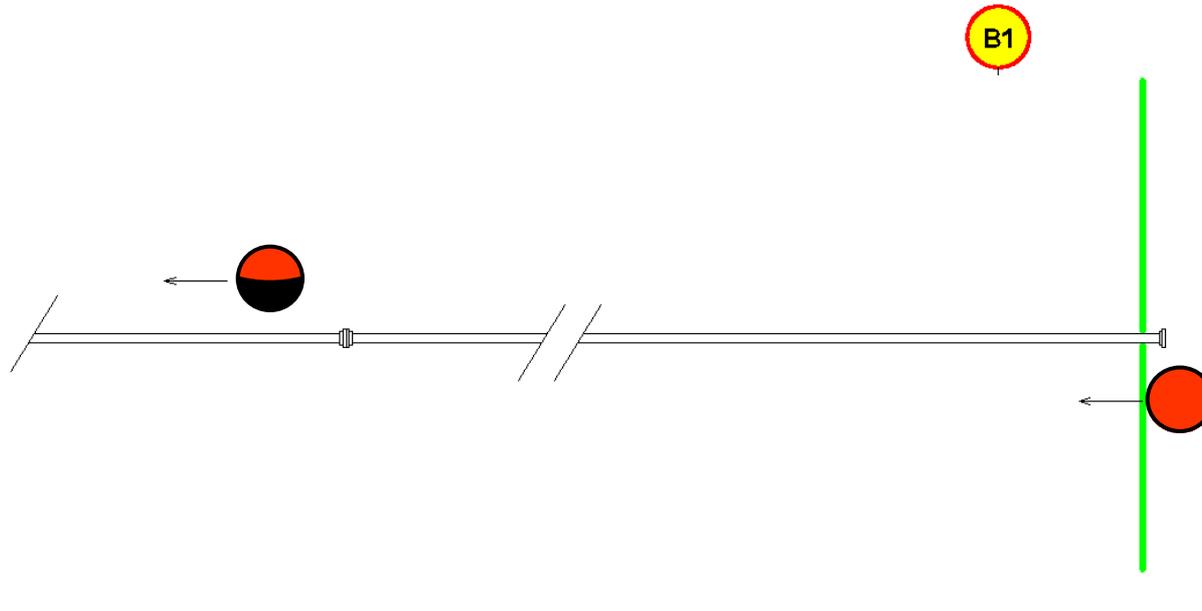
- **B1, B2:** Dropping of couplings by ATR (●+●)
- **B2:** Correct coupling at portable pump and check, if the B-hose touches the ground within the area of the portable pump

Fire fighting attack Conveyor line



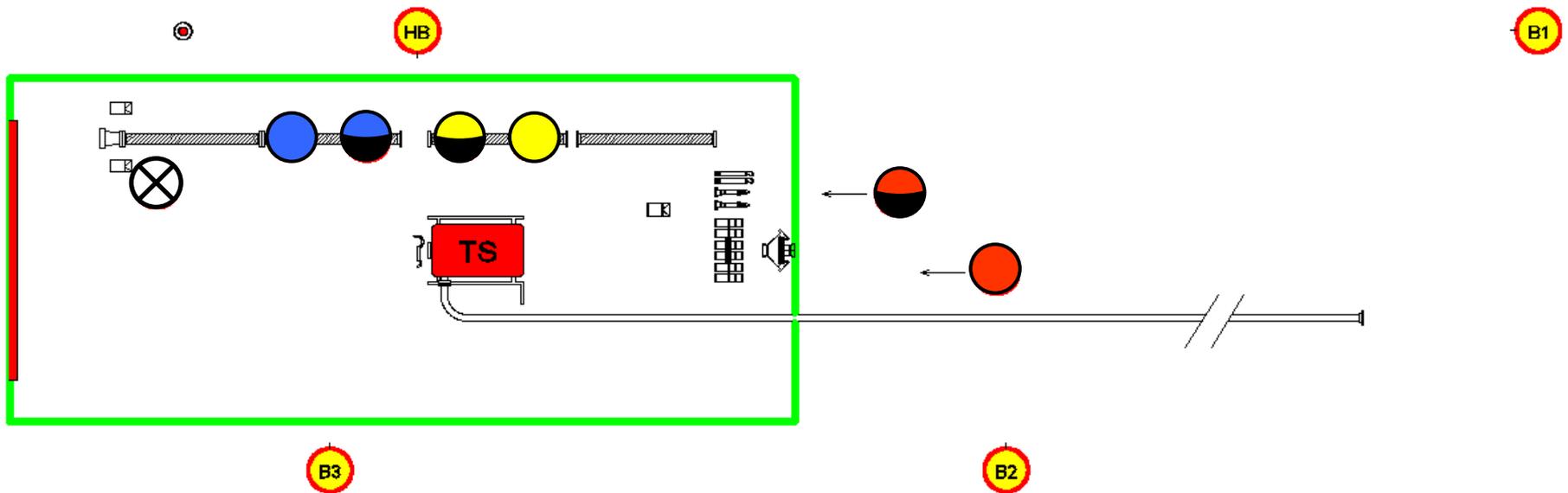
- **B1, B2:** Observe the laying out and putting down of the first B-hose of the conveyor by the ATRL (●) (dropping of couplings)
- **B1, B2:** Observe the ATR (●+●) whilst running, look out for lost equipment

Fire fighting attack Conveyor line



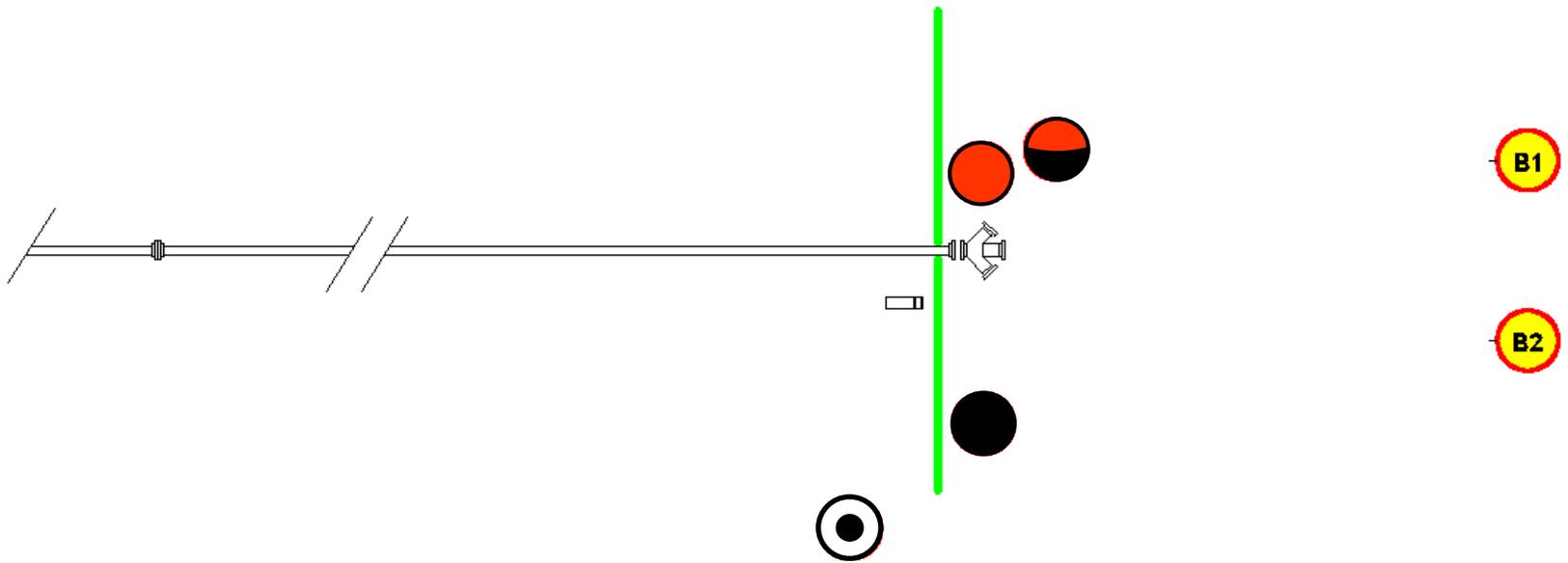
- **B1, B2:** Observe the laying out and putting down of the second B-hose of the conveyor by the ATRM (●) (dropping of couplings; B-coupling must be beyond the 41 m-marking)
- **B1, B2:** Pulling of pressure hoses (couplings)

Fire fighting attack Conveyor line



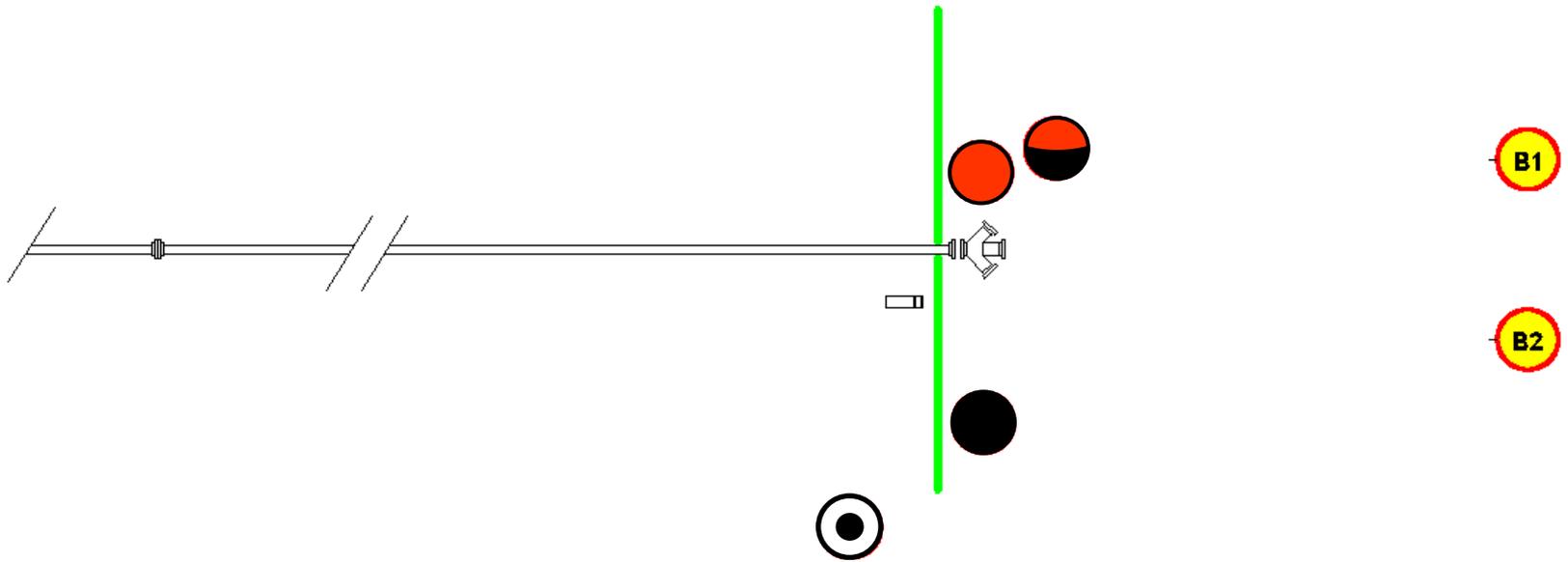
- **B1, B2:** Observe the picking up of equipment of the ATR (● + ●)

Fire fighting attack fire fighting line



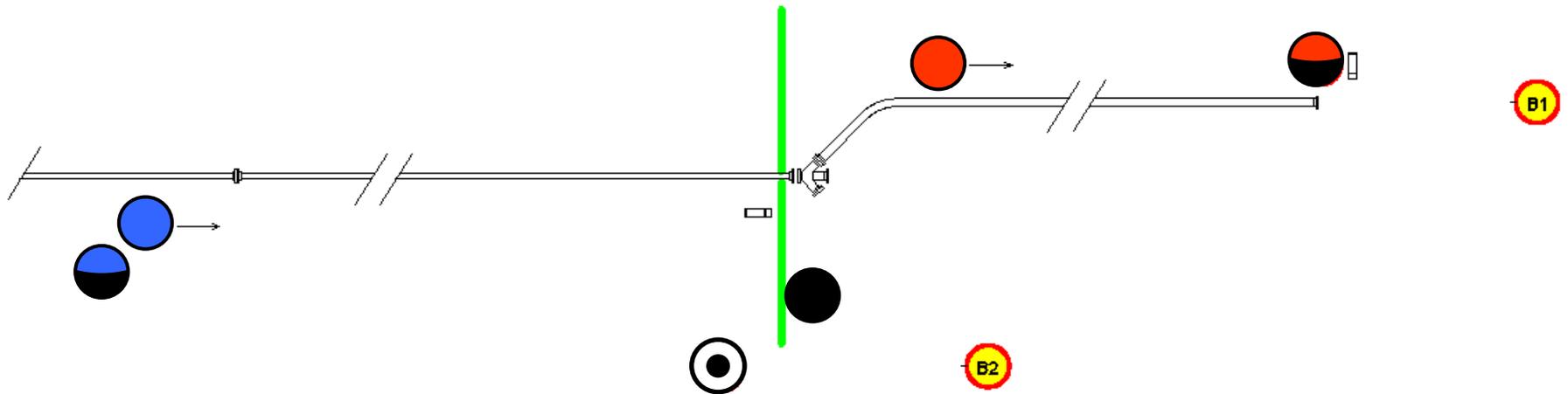
- **B1, B2:** Observe the ATR ( + ) when running, look out for lost equipment
- **B1, B2:** Check the correct placement of the distributor and hand-off of the C-coupling

Fire fighting attack fire fighting line



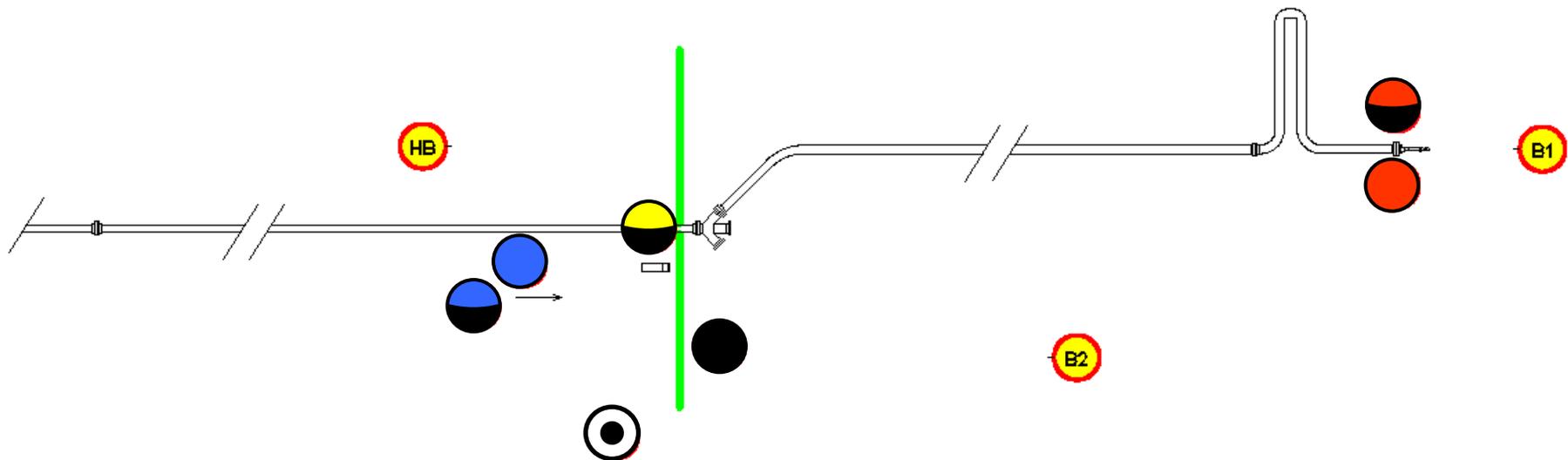
- **B1:** Check the correct placement of the reserve C-hose by the ATRM (●) and opening of the first C-hose of the first fire fighting pipe
- **B1:** Check the couplings (fully closed) and the valves on the distributor

Fire fighting attack fire fighting line



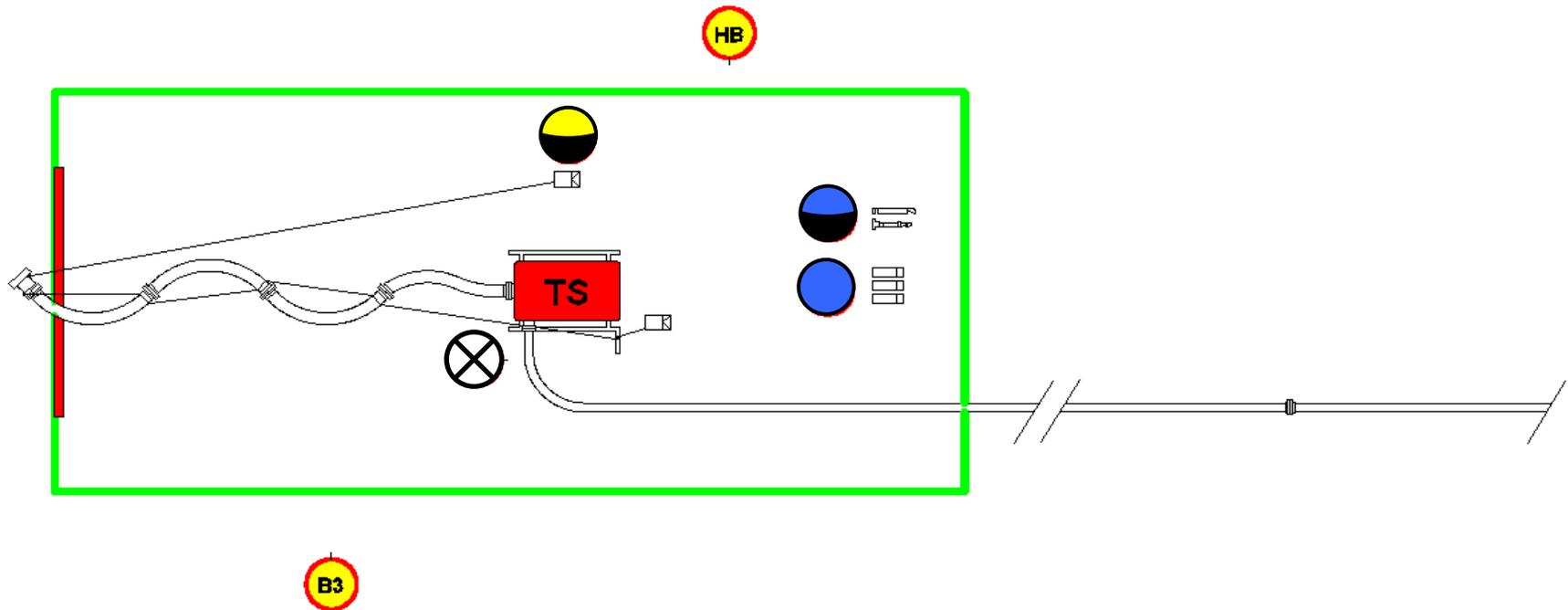
- **B1:** Observe the ATRL (●) when laying out the first C-hose, when opening and coupling the second C-hose (must not roll out), as well as when coupling of the C-pipe to the second C-hose
- **B1:** Command "First pipe - water march!" only after coupling the C-pipe to the C-hose
- **B1:** When the command "First pipe - water march!" is given, the distributor must be occupied, if not, the command must be repeated

Fire fighting attack fire fighting line



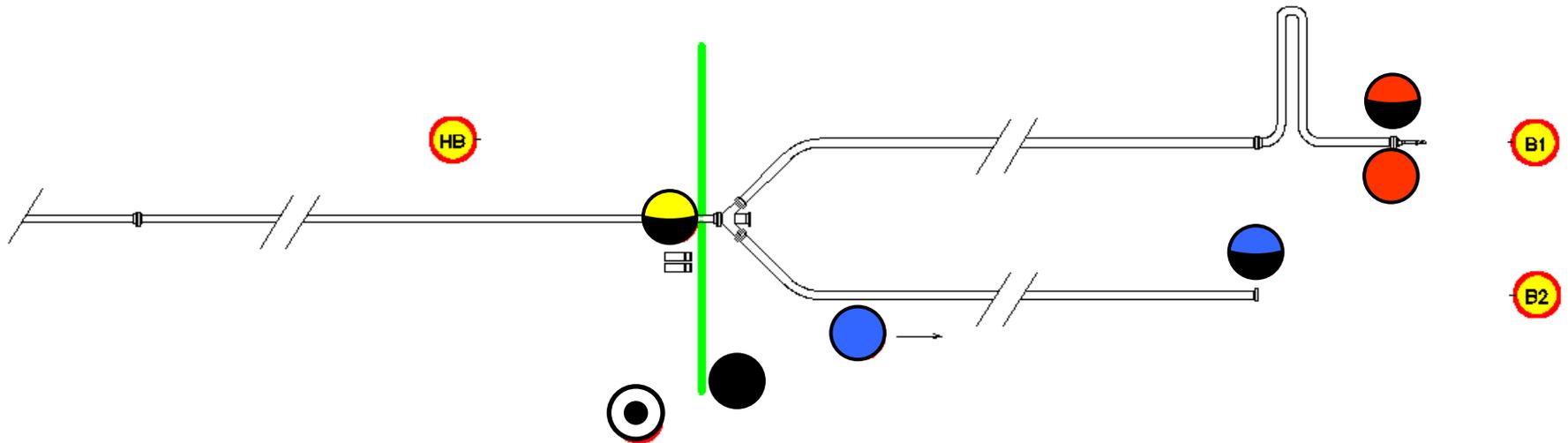
- **B1:** Observe the ATRM (●) when laying out the second C-hose
- **B1:** Observe HTRL (●) whether the hand was raised above the head when confirming the command "First pipe - water march!"
- **B1:** Check the correct final line-up and the completeness of equipment of the ATR (● + ●)

Fire fighting attack fire fighting line



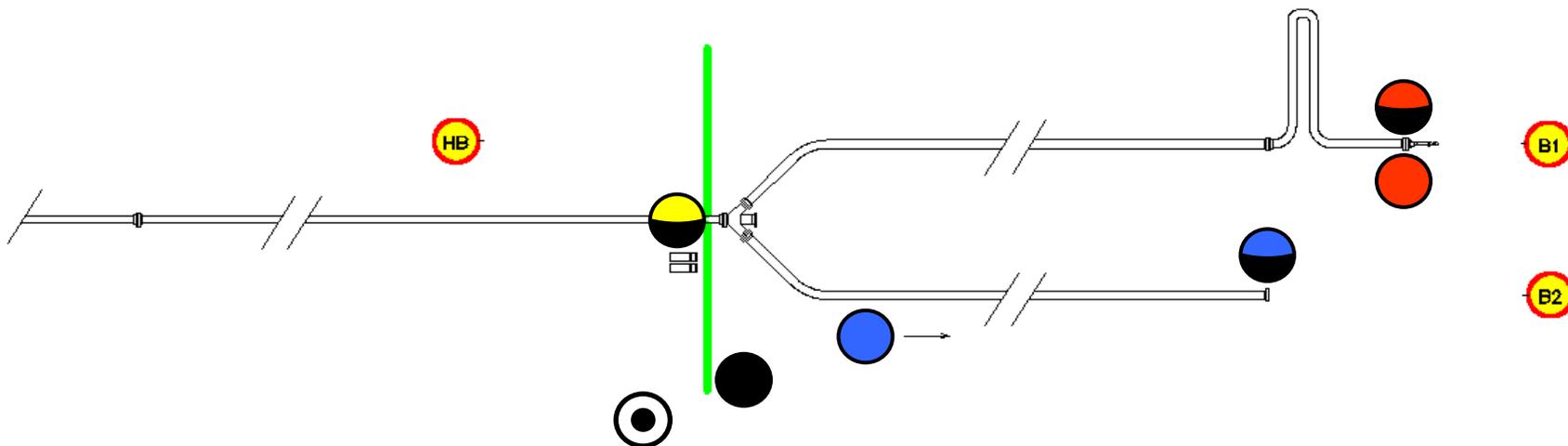
- **HB:** Observe the picking up of equipment of the WTR (● + ●)

Fire fighting attack fire fighting line



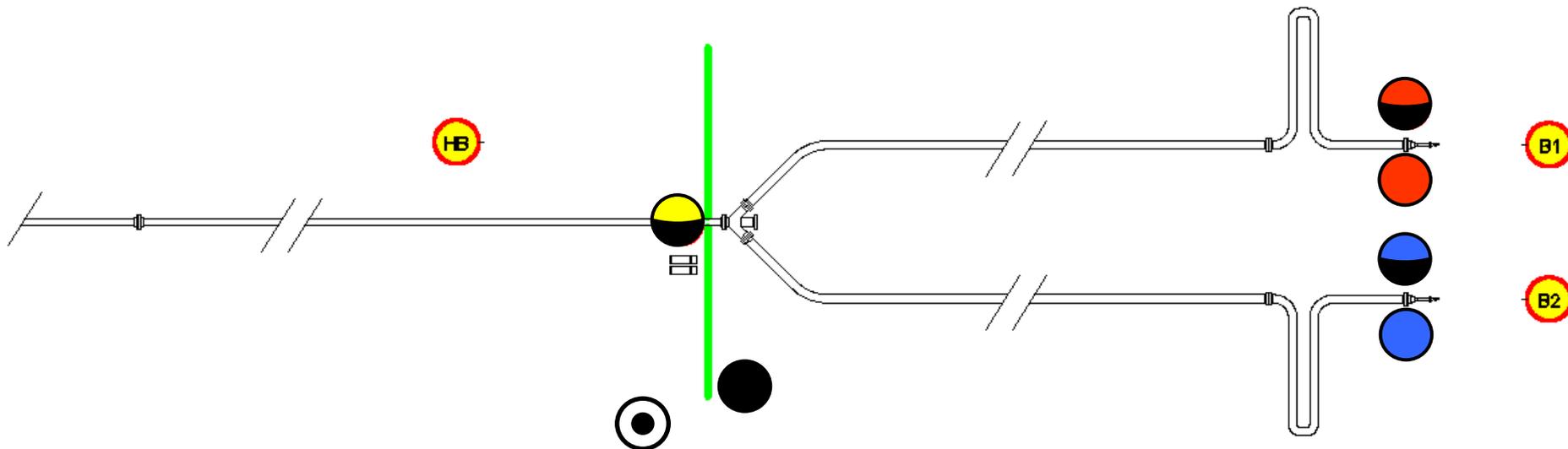
- **HB:** Check HTRL (●) whether the B-hose was coupled to the distributor when the command „water march" to the PO (⊗) is given
- **B3:** Observe PO (⊗) whether the command „water march" was confirmed and the pressure exit was fully opened

Fire fighting attack fire fighting line



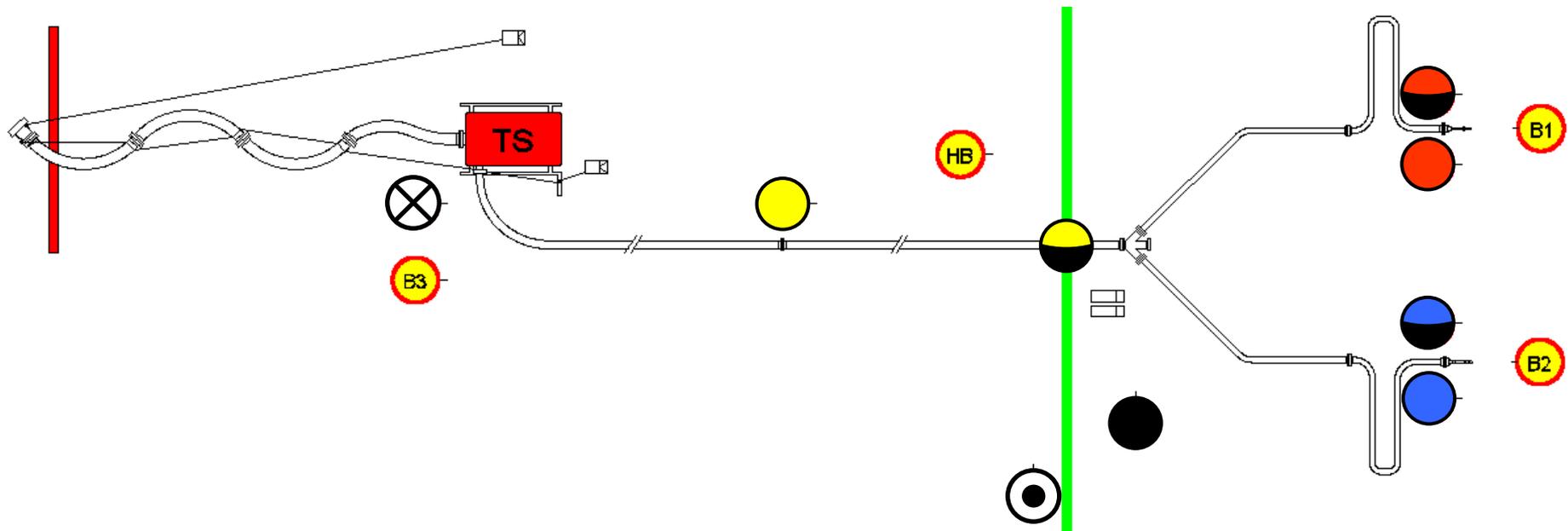
- **B2:** Observe the WTRL (●) when laying out the first C-hose, when opening and coupling the second C-hose (must not roll out), as well as when coupling of the C-pipe to the second C-hose (command "Second pipe - water march!" only after coupling the C-pipe to the C-hose)
- **HB, B2:** When the command "Second pipe - water march!" is given, the distributor must be occupied, if not, the command must be repeated

Fire fighting attack fire fighting line



- **HB, B2:** Observe WTRM (●) when laying out the second C-hose
- **HB, B2:** Observe HTRL (●) whether the hand was raised above the head when confirming the command "Second pipe - water march!"
- **B2:** Check the correct final line-up and the completeness of equipment of the WTR (●+●)

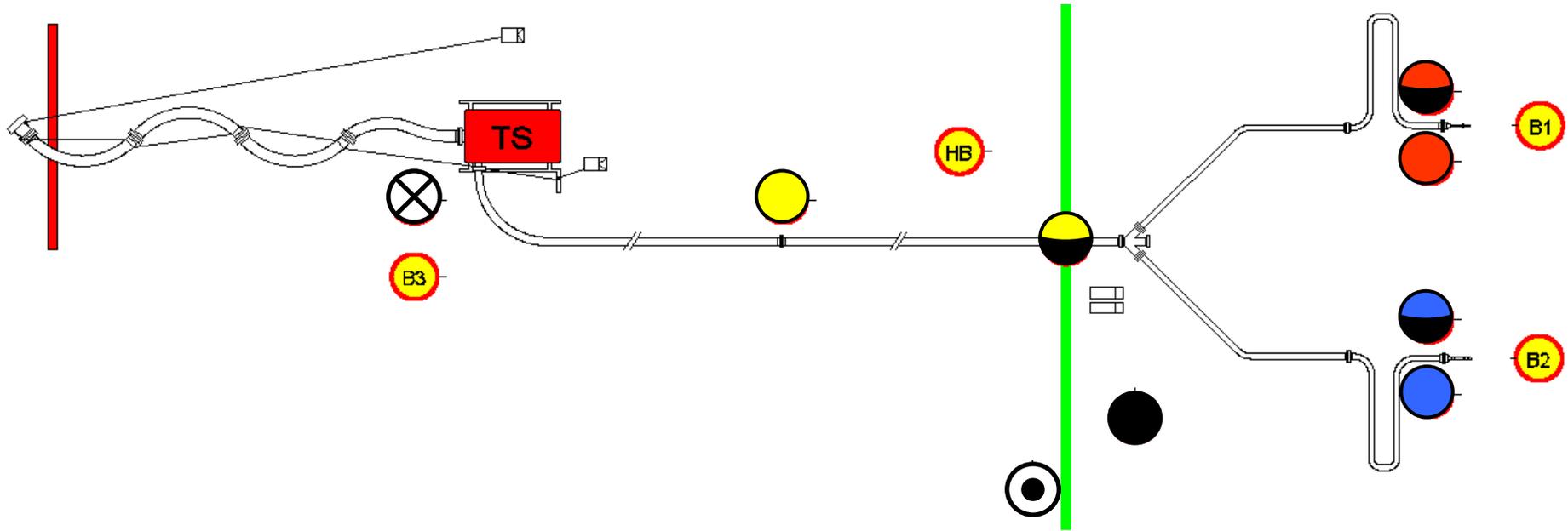
Fire fighting attack final line-up



- *HB, B1, B2, B3:*

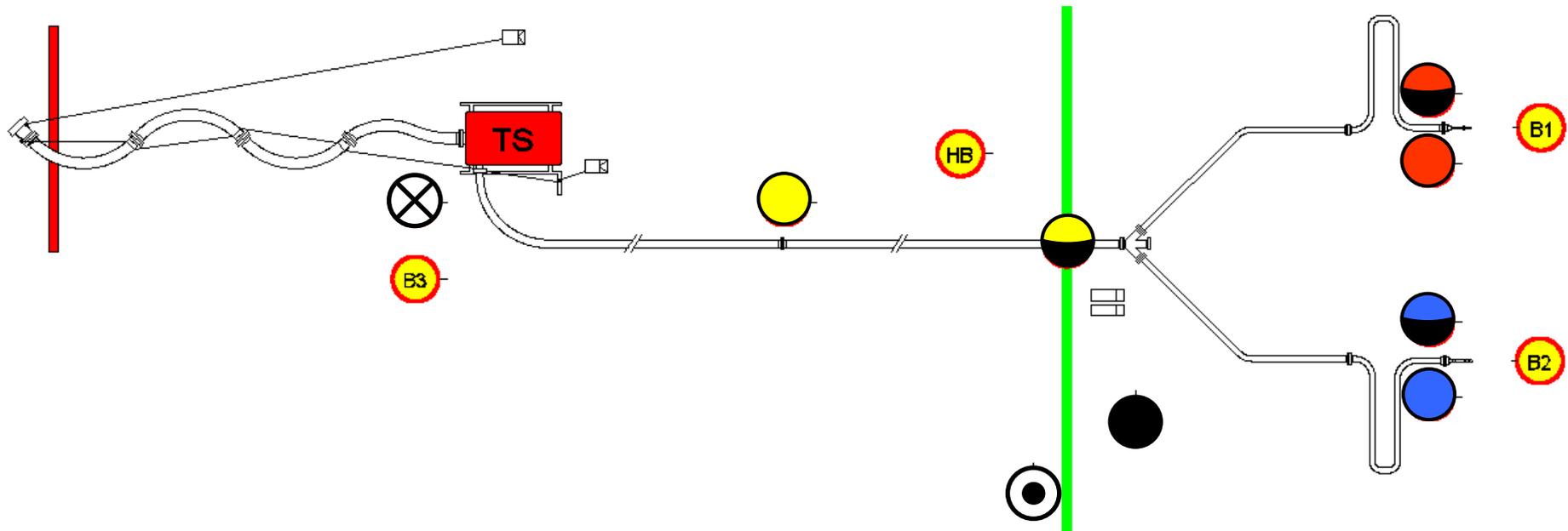
Correct final line-up of GRCOM, RO and HTR (●+●) and check if HTRL (●) is equipped with one coupling key, HTRM (●) with one coupling key and with the bag of the hose fasteners

Fire fighting attack final line-up



- **HB:** Correct placement of reserve hoses
- **HB, B3:** Check first B-hose for a spin and/or a loop („corkscrew“)
- **HB:** Check second B-hose for a spin and/or loop or “snail”

Fire fighting attack final line-up



- **HB, B1:** Check C-hoses of ATR (● + ●)
- **HB, B2:** Check C-hoses of WTR (● + ●)
- **Anmerkung:** The C-hoses have to be stretched in a straight line and checked for shortening

Fire fighting attack evaluation process

- Main judge checks the pressure exits and couplings of the distributor and the final line-up.
- All judges check their sub-section and inform the main judge in case of any fault.
- Main judge moves to the GRCOM, shows him the measured time and enters it into the evaluation form. Then he goes along with the GRCOM through all the faults noted by the judges. This includes a discussion with the GRCOM why some faults were given or not, even it was very close.
- Main judge informs the whole competition group about the final result.

Fire fighting attack evaluation process

- For an optimal preparation for each single judge position, a predetermination of the judges is highly recommended.



*TRAINING DOCUMENT
FOR RELAY RACE JUDGES*

*TRADITIONAL
INTERNATIONAL FIRE
BRIGADE COMPETITIONS*

EDITION 2020

Introductory remarks

- This training document should assist any new and experienced relay race judges.
- This document should standardize the evaluation of competition groups.
- The basis for the evaluation is the current issue of the CTIF-Competitions Rules for the "*International Traditional Fire Brigade Competitions*" (7th Issue 2011).

Introductory remarks

- It attempts to graphically illustrate the judges' tasks or processes (including possible faults) with pictures.
- This document should be the basis for a uniform, objective and above all fair evaluation!!!

**It is emphasized,
that the relay race is crucial for the results
respectively the victory of the competition!**

March-in

- If a tactical sign is removed from a competitor between the fire fighting attack and the relay race, the group will be disqualified.
- The competitor who does not participate in the relay race, will be reported to the judge carrying out the inspection. **This competitor is not allowed to leave the meeting point until after the group finished the relay race** to prevent manipulation.
- If one of the competitors has been injured during the fire fighting attack, he will be eliminated from the relay race.
- Did another competitor has been injured, the group is taken out of the scoring.

Judges tasks

Head judge relay race:

- responsible for relay race
- must rely on decisions of other judges

Timekeeping:

- can be carried out by trained staff of the CTIF, but in cooperation with the judges

Judges tasks

Starting point :

- Check evaluation sheet including start number
- Check correct position of competition groups on all running tracks

(ACCURATE comparison of track number with start number entered in the evaluation sheet)

- check and observe the positioning of all competitors
- pay attention that no first runner starts too early
- in case of false start the race will be interrupted and started again

Judges tasks

Hand-over points:

- Check and observe the individual hand-overs
- Signal faults with a red flag

Possible faults:

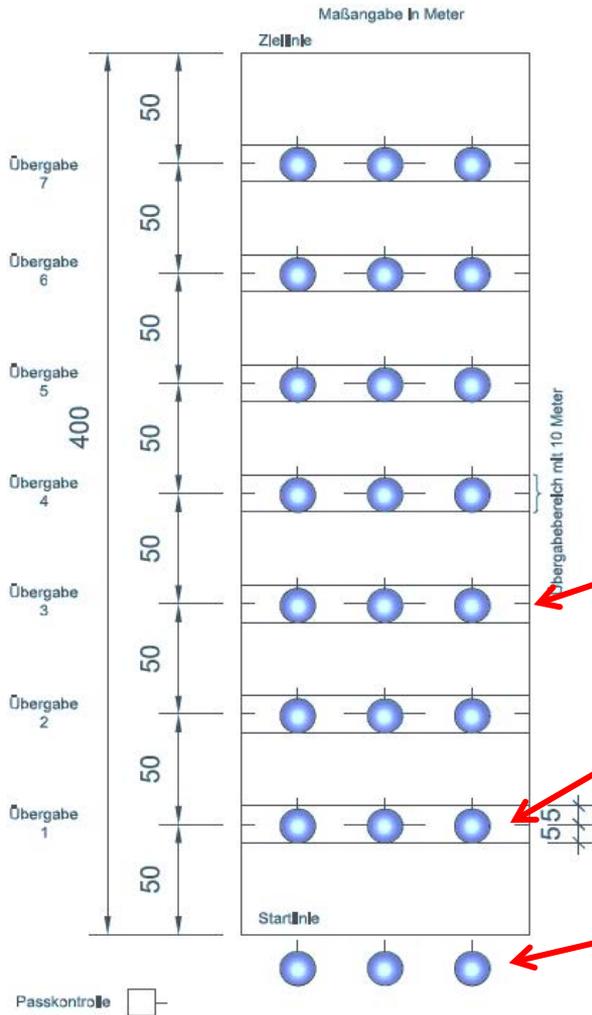
- Multiple false start
- Wrong hand-over
- Pushing
- Running after
- Missing personal equipment
- Missing nozzle

Judges tasks

Finish:

- Check last runner and monitor march-out
- Keeps connection to the time-keeping at starting point

The track



total length - 400 meters

sunning distance per competitor
equals 50 meters

handover area is 10 meters

marking of the handover area –
dashed in the middle

start is marked 1 meter in front of the
start line

line-up

- The order of line-up can be chosen arbitrary by the group

1 competitor does not participate

The start

The judge at the starting point checks whether all groups are ready. The first runner starts 1 meter in front of the start line („pre-start line“). All other runners start within the handover area.

Starting command without a starting pistol:

„Mein Kommando wird lauten: Auf die Plätze - los!

Mein Kommando gilt: Auf die Plätze - Los!“

The starting command may also be given with a starting pistol:

In this case the pre-command has been dropped and the final command is:

“Auf die Plätze” - Shot!

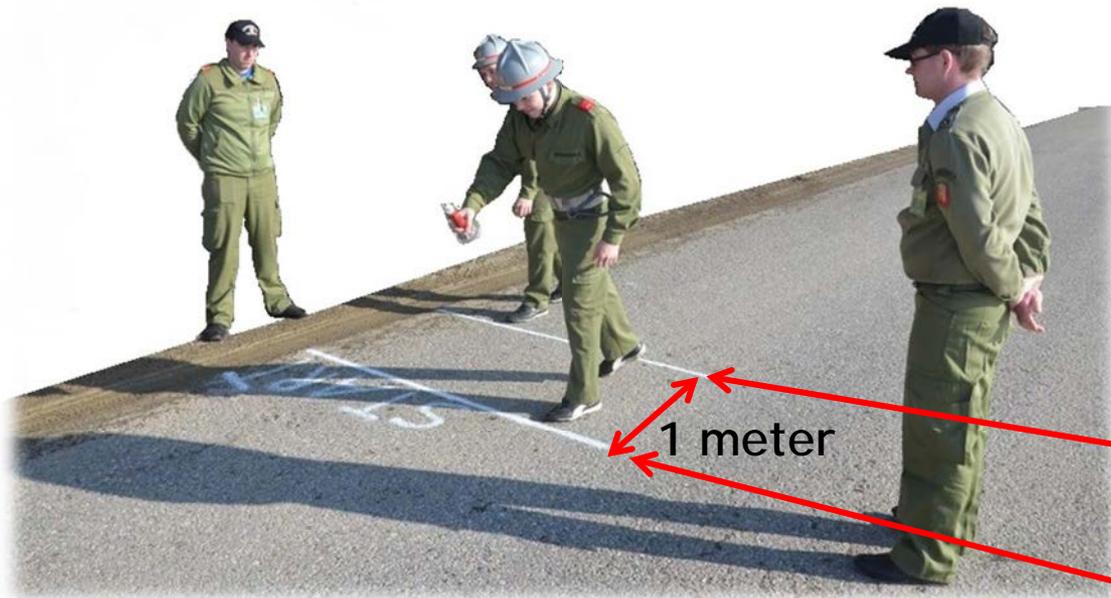
The time release occurs by running through a light barrier.

The start

- ❑ The judges at the start should line up at the start line and check for a false start!
- ❑ If one runner causes a false start, the race will be interrupted and started again.
- ❑ If the same runner causes another false start, the race is interrupted again, and only then the fault „false start“ (5 penalty points) is rated.
- ❑ It is also a false start, if the start is intentionally delayed by a competitor!

The start

„two-time false start “ 5 penalty points



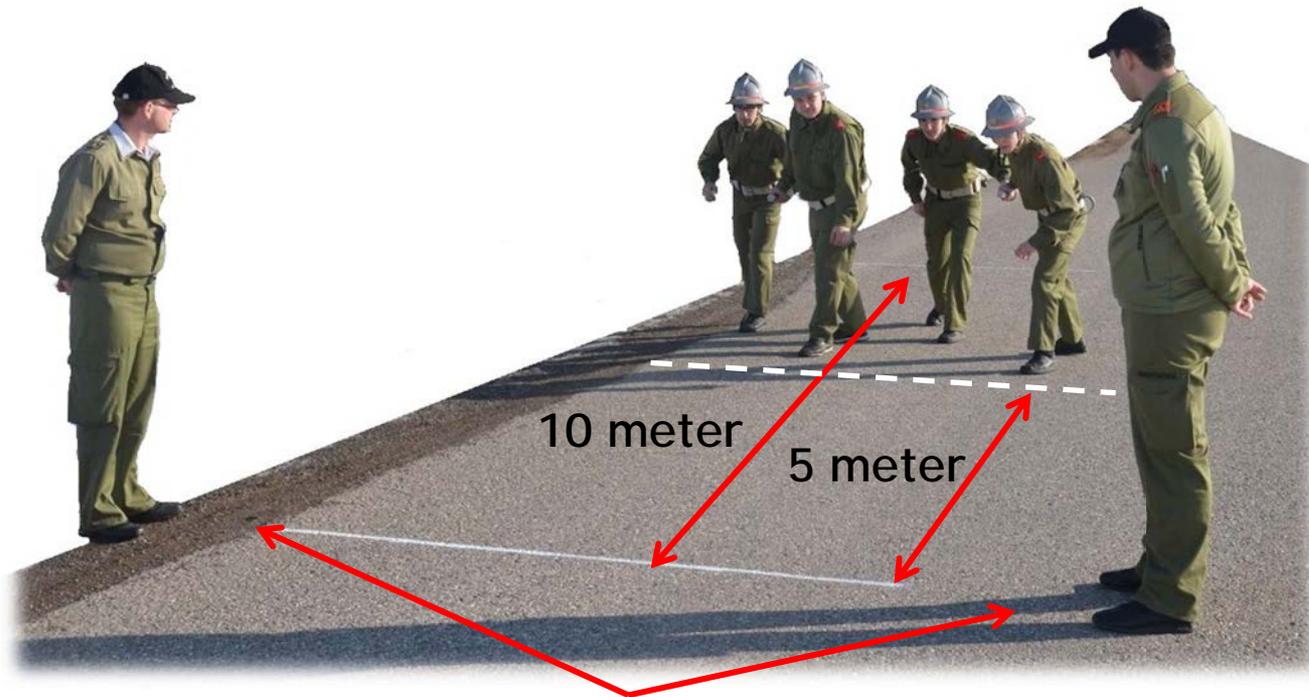
„pre-start line“

„starting line“

The handover

- The judges line-up at the end of the handover area!
- This position allows for the best view on the starting position of the competitors (and if necessary, any correction).
- This position allows for the best view on possible handovers outside of the handover area and therefore guarantees a correct evaluation.
- Judges must agree before the start, who is responsible for which running track.
- In case of faults, the respective **competitor / competition group** has to be informed. **The judge records the fault in the report of faults.**

The handover



Judges line-up at the end of the handover area

The handover

- The competitors have the possibility to set markers with the materials provided by the competition organisation.
- The handing over of the jet pipe must take place within the 10 metres hand-over area (otherwise “Wrong handing over of the pipe” 5 penalty points).
- During the handing over of the jet pipe both competitors must be within the handover area with both feet.
- If the jet pipe falls to the ground during the handing over, it must be picked up by the competitor who was holding the jet pipe at last. If both competitors had their hands on the jet pipe, the incoming runner has to pick up the jet pipe.

The handover: markers

markers
5 x 5 cm
provided by the organizer



The hand-over

Obvious fault: Enter fault into the scoring sheet
When in doubt, for the benefit of the competitor!



Cross the line:
Wrong handing over
5 penalty points



The hand-over

correct



The hand-over

- The receiving runner must not be **pushed** or **run after** (otherwise “Wrong handing over of the pipe” - 5 penalty points).
- After the handing over the passing runner is allowed to **run beyond the handover area**.

i.e.: At most the half of the following running distance, with decelerating speed.

- The competitors have to run on their running tracks and may not disturb competitors on neighbouring running tracks.
- In case of **intentional hindrance** of other competitors, the competition leader may express disqualification. The “hindered group” is allowed to start anew.

The hand-over



**„PUSHING“ Wrong hand-over
5 penalty points**

The hand-over

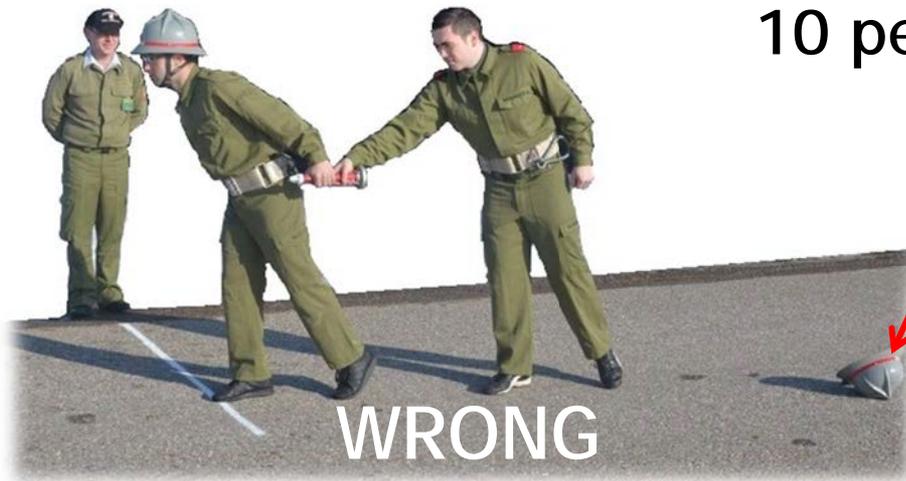
If a competitor loses a piece of his personal equipment during the race (e.g.: fireman's helmet) and

- if he does not pick it up again, this is rated with "Missing personal equipment" and scored with 10 penalty points.
- If the lost equipment is picked up before the handing over „0 penalty points“

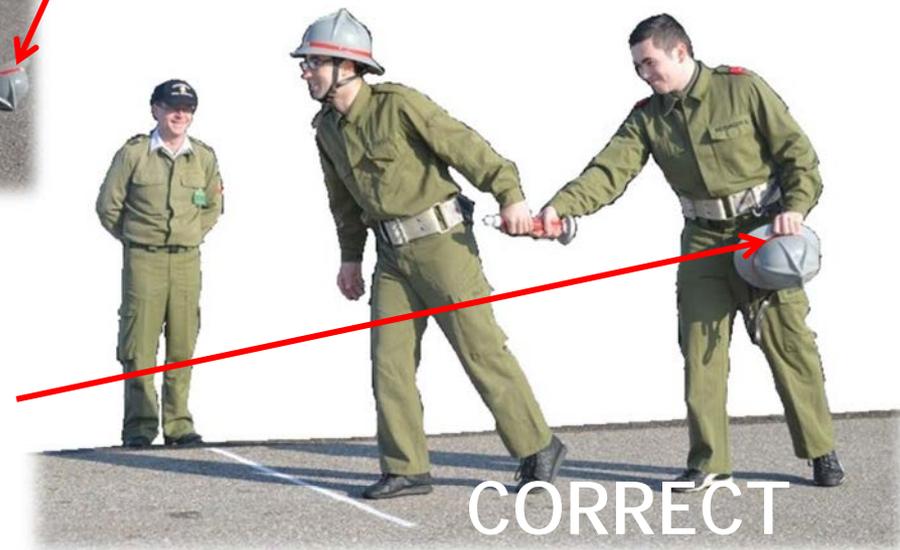
(the lost equipment must at least be held in the hand)

The hand-over

„Missing personal equipment“
10 penalty points



**Equipment at the competitor
(fireman's helmet in hand)**



Incorrect surmounted hurdle

- If one of the obstacles is circumvented, avoided or left out (also: falling off the beam or leaving it too early), or if during the clearing of a hurdle the pipe is thrown over the obstacle or lost, this is rated with:
 - „ Incorrect surmounted hurdle” **20 penalty points**

Der Einlauf in das Ziel

„nozzle not brought along“



„missing personal equipment“



Penalty points

- False start 5 penalty points
- wrong handover 5 penalty points
 - Pushing successor 5 penalty points
 - Running after successor 5 penalty points
- Missing personal equipment 10 penalty points
- Incorrect surmounted hurdle 20 penalty points
- Nozzle not brought along 20 penalty points

Evaluation form

EVALUATION FORM - RELAY RACE

Nation A

Starting Number 123

Group Mustevdorf

Judge <i>Moer</i>	POINTS	TRACK			Hand-over	
		1	2	3	1	2
False Start	5				3	
Wrong handing over <i>HO</i> P R	5	<i>5</i>			4	
Missing personal equipment	10				5	<i>X</i>
Incorrect surmounted hurdle	20				6	
Jet pipe not brought along	20				7	
Group informed about faults: <input checked="" type="checkbox"/> Yes					POINTS TOTAL <i>5</i>	

Number of running track

Number of hand-over

Example:

“Wrong handing over of pipe” on running track no. 1, 5th hand-over

Summary

- We hope and wish, that this document will improve the viewpoint and perspective of relay race judges and that every judge is aware of his task and the importance of the relay race!
- It should be noted, that no faults should be „invented“ , but a rather fair evaluation must take place!

**When in doubt of any fault,
for the benefit of the competitor!**

- The main judges must be able to rely on the decisions of the individual judges, especially since they cannot see the faults themselves. This is the only way the main judge can stand behind the evaluations of the other judges!

IMPRESSUM

With kindly
authorization of

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Thanks to the working group:

BR Alois Bröderbauer (Ltg.), HAW Martin Hackl, HAW Manfred Lanzersdorfer,
HAW Siegfried Maier, HBI Roman Primetzhofer, HAW Josef Sillipp

Thanks to the actors of the Voluntary Fire Brigade Veitsdorf

Translated by FT Harald Kammerer, MSc.