

AUSTRALASIAN FIREFIGHTER CHAMPIONSHIP



TAMWORTH NSW

17 – 19 October 2019

(Version 5 – 11 September)

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1. Teams

The maximum size of any team is 6 competitors. The maximum number of competitors in any event is 4, unless specified different in a special event. Participants must be current members of a fire service.

2. Role of Team Captain

The Team Captain shall be the spokesperson for the team at all times. The Team Captain shall be the team representative at the competition briefing and meetings conducted by the Chief Judge throughout the competition. The Team Captain may submit any questions to the Chief Judge for interpretation and ruling at the competition briefing and throughout the duration of the competition.

3. Dress Code for Events

Firefighters must wear uniform approved from their individual Agency code and must comply with the following:

1. The approved uniform will consist of full-length sleeve drill shirt and full-length drill trousers. Sleeves shall not be rolled up nor will they be taped up at the cuff. Trousers may be tucked into the socks at gaiter height (gaiter height is defined as mid-point between the ankles and knees).
2. No spikes, e.g. cricket or golf sprigs or athletic spikes to be worn.
The Event Marshall will ensure that the firefighters are correctly dressed.

4. Defined Competition Area

A defined competition area is marked. Only the competing team and competition officials are permitted within the defined competition area during an event.

5. Equipment

- All equipment will be supplied by the host Agency unless otherwise requested by the host Agency.
- The competition track as marked out, will have two hydrants (lane 1 and lane 2) with a pumped water supply from a ring main equal to each lane. (To be timed before competition each day)
- Hoses will be stowed in designated lockers as rolled or flaked (when rolled 38mm hose will be rolled double on bight) as event requires.
- Pump speed to be governed to a maximum safe working pressure for all events where motor engine pumps are used.

6. Familiarisation of Equipment/Events

On Thursday 17 October 2019, equipment, appliances, pump operation and event demonstrations will be conducted to assist firefighters in competing in the events.

VENUE: Championship Ground Cross Park – Solander Drive & Gipps Street.

Events 1 – 10 will be demonstrated at 1100 hours and again at 1500 hours.

Track workers meeting 1300 hours

Judges meeting 1400 hours

Judges and Team Captains meeting 1600 hours

Venue for all meetings – Championship Ground – Solander Drive & Gipps Street.

7. Officials

Officials will be appointed to perform the tasks of Chief Judge; Deputy Chief Judge; Events Judge/Examiners; Events Marshall; Track Marshall, Events Starter and Safety Officer.

All Officials must be impartial to competing teams.

7.1 CHIEF JUDGE and DEPUTY CHIEF JUDGE

These Judges will be responsible for:

- Ensuring the teams compete in the order of the Program;
- Informing Event Judges of their responsibilities;
- Ensuring events are conducted in a timely manner;
- Conducting the Judges meeting;
- Conducting the Judges and Team Captains meeting;
- Ensuring consistency in Judging standards;
- Leading the Protest Committee

In all Events, the Chief Judge's decision will be final.

7.2 EVENT JUDGES

During competition events, an Event Judge must stop any competitor, where it is considered that appropriate safety standards are not being maintained, or personal injury may occur.

Event Judges are to adjudicate penalties as indicated in the Rules Governing Events, and relay these adjudications to the chief judge / track Marshall.

7.3 EVENTS MARSHALS

The Events Marshals will be responsible for:

- During competition events, an event Marshall must stop any competitor, where it is considered that appropriate safety standards are not being maintained, or personal injury may occur.
- Ensuring teams and equipment are ready prior to the commencement of events;
- Supervising, checking and stowing of equipment by competitors;
- Ensuring competitors are assembled at the relevant starting area in accordance with the event;
- Ensuring events are conducted in a timely manner;
- Ensuring final checks are made of all equipment on the appliances including its operational order and correct stowage (eg. branches, standpipes, ladders, etc.);
- Advising the Starter that the crew is in position and ready.

7.4 TRACK MARSHALS

The Track Marshals will be responsible for:

- Defining the track layout at the commencement of each new event;
- Identifying the start line, the branch line and target positions for each event;
- Identifying the pump position on the track;
- Working with the Equipment Co-ordinator / Track Workers to ensure the tracks are Cleared after each event and replenished equipment is readily available for the next Event;
- Ensuring events are conducted in a timely manner.

7.5 EVENTS STARTER

The Events Starter will be responsible for:

- Ensuring consistency in starting procedures;
- Taking control of the event when advised by the Events Marshal that the competing team is in position and ready by announcing the event number and its description;
- Signaling a false start and stop the event by repeating of the starting signal if, in his/her opinion the start is an unfair one;
- Ensuring no public announcements is called during the start of an event.

7.6 TIMEKEEPERS, RECORDER & ANNOUNCER

Will be responsible for:

- Recording event times, Event Judges penalties and allocating corrected times for each team in an event;
- General announcements regarding functions, activities, displays and availability of catering facilities, etc. as time permits;
- Ensuring no general announcements occur during the start of an event.
- All ground announcements must only be made by the official announcers.

7.7 SAFETY OFFICER

Will be responsible for the following functions:

- To inform Chief Judge about the overall state of health and safety of all the resources at the grounds.

7.8 OTHER OFFICIALS

Equipment coordinator / track clearing marshal will be responsible for:

- Ensuring the tracks and event area is cleared of wet hose following each event;
- Ensuring the events is conducted in a timely manner.

8. Order of Teams in Events

Prior to the commencement of the Championship, The order of teams participating will be randomly drawn for each event. The draw will be included in the official programme.

9. Interpretation

Please NOTE: Competitor descriptions are only a guide or suggested way to complete events.

9.1 STARTING POSITIONS

- For all events, competitors start at a starting line. No competitors start from inside the appliance.

9.2 CARRYING HOSE UP LADDER IN THE APPROVED METHOD

- Hose will be carried up the ladder in accordance with the approved competition method as determined by the Host Agency.

9.3 WITHDRAWALS

- To ensure that events operate within planned time frames, teams wishing to withdraw should notify the officials 1 hour prior to the respective event.

9.4 JEWELLERY, EYEWEAR

- For safety reasons, competitors will not wear jewellery whilst competing in the events. If rings not removed they may be taped.
- Competitors may wear prescriptive eyewear or approved safety eyewear.

9.5 COMPETITION POINTS

Points to be allocated are as follows:

	TEAM EVENTS	1 or 2 Competitor Events
PLACE	POINTS	½ Points
1 st	21	10.5
2 nd	18	9
3 rd	16	8
4 th	14	7
5 th	12	6
6 th	10	5
7 th	8	4
8 th	7	3.5
9 th	6	3
10 th	5	2.5
11 th	4	3
12 th	3	1.5
13 th	2	1
14 th – Onwards	1	0.5
Disqualified	Nil	Nil

The fourteenth and subsequent placed team/s will receive one point for successfully completing that event. For 1 or 2 competitor events fourteenth and subsequent placed competitors will receive half point.

9.6 PENALTIES – General

1. Second and subsequent false starts in all events - 1 second.
2. If hose trays are dislodged during a run, they must be replaced before completion. – 2 seconds.
3. Competitors or teams not appearing at the starting point at the time notified. – 10 seconds.
4. Charged hose in hose pockets or trays -5 seconds. (Hose expanding by water or air pressure)
5. Failing to have suction cap on platform prior to completion unless chain is attached – 2 seconds.
6. Pump operator leaving or moving outside the designated area. 10 seconds.
7. Branch or any coupling coming off, after a time has been recorded but before being tested by the examiner—5 seconds.
8. Failure to have standpipes within one half turn of being hand tight – 2 seconds.
9. Standpipe jumping out of hydrant after time having been recorded but before being tested by the Examiner – 5 seconds.
10. All feeder hoses (to collector) must pass under the delivery hoses – 5 seconds.
11. Failure to bowl the coiled or rolled lengths of hose in the approved manner as determined by host agency – 5 seconds (hose must go away from competitor in a forward direction)
12. All hose couplings must be completed in the approved manner as determined by host agency – 5 seconds.
13. In the case of any competitor using disrespectful language, the chief judge has the power to penalise the team – 10 seconds. Or consider DQ In extreme circumstances.
14. Competitor in charge of the branch failing to have part of the branch and part of the body over the line when jet strikes target. - 5 Seconds penalty.

9.7 DISQUALIFICATIONS (ALL EVENTS)

1. Failure to complete an event evolution will result in disqualification
2. Any competitor acting in an unbecoming manner in accordance with the Constitution.
3. Mishandling of appliances or equipment, kicking or kinking hose, throwing.
4. Failure to wear correct agency uniform in accordance with the dress code.
5. Pump operator not wearing the vest (supplied at each run).
6. Leaving a fully charged hose lying on the ground with or without branch attached unattended by a competitor. (with water coming out)
7. Failing to have each branch held by a separate competitor before both hoses are fully charged. Fully charged hose defined as hose with water coming out of the end.
8. Striking both targets by a competitor in charge of a branch.
9. All breaches of safety requirements as identified by the Chief Judge.
10. Infringement of any rule laid down in the National Rules for which a definite penalty has not been stated.
11. Competitor leaving standpipe unattended and washout occurs at any coupling.

10. Protests

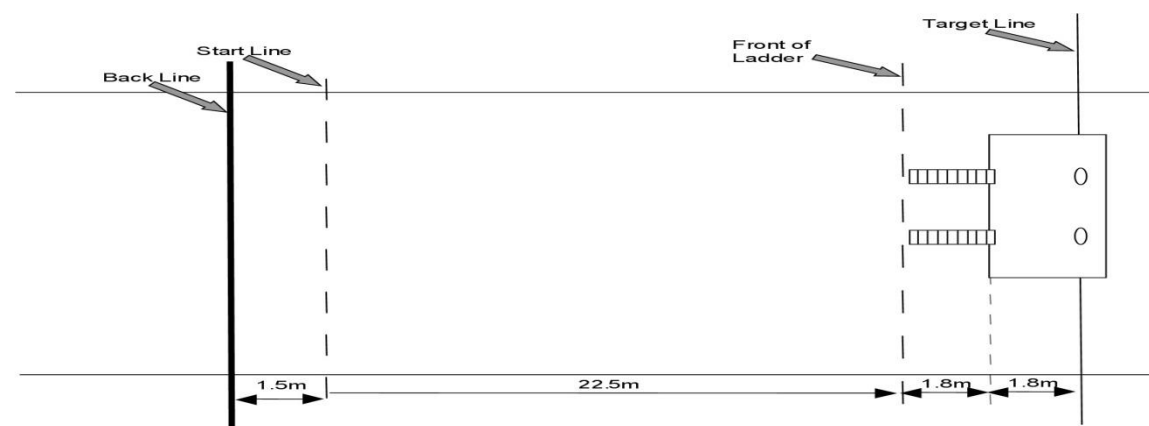
All protests must be made in writing on the Competition Protest Form signed by the Team Captain and include a protest fee of fifty dollars. Should the protest be dismissed, forfeited monies will be forwarded to a nominated approved charity.

The Protest must be lodged with the Chief Judge within ten minutes of completion of the heat in which the protest occurred.

Faulty equipment about which a protest is to be lodged must be shown to the Chief Judge before being removed from the competition area.

The Protest Committee must comprise of the Chief Judge, Deputy Chief Judge and 2 Track Officials appointed prior to the running of the Championship.

Event 1: Ladder Practice – 1 Competitor



CONDITIONS

Each Competitor to run 22.5m to the ladder, ascend to the platform and press electric timing bar. When the timing bar is pressed, the Competitor must be in a stable position on the platform and clear of the ladder.

Competitors will be required to comply with NSW Safety strategy in regards to ladder climbing, ie,

The floor of the platform will be approximately 4 m from the ground. Ladder will be placed with its foot 1.8m from a vertical line from the edge of the platform. Rungs of ladder will be spaced at 27.9cm centres. Electric timing bars will be fixed 1.8m from the edge of the platform. Entries limited to two from each Brigade. This Event will be run in pairs.

DRESS: Singlet or shirt, trousers (agency issue), boots or shoes, the colour being optional.

Disqualification

1. When the timing bar is pressed, the competitor must be in a stable position on the platform and clear of the ladder.
2. Competitor mounts the ladder in the event of a false start.

PENALTIES

1. Competitor missing a rung on ladder climb. 10 seconds
2. Competitor not using ladder rungs as handholds during ladder climbing. 10 seconds

Event 2: Pump Appliance & Ladder Event - 4 Competitors

Objective

The objective of this event is to extinguish a fire in a second story building. A crew of four firefighters working as a team, use hydrant water relayed through the pump, via two delivery hose lines and two ladders to the elevated position. Time is taken when the second water stream strikes the finish target.

Firefighter Number 1:

On start command move to near side hose locker and collect one length of 70mm rolled feeder hose (single on bight), bowl out hose, place one end at rear of appliance and take other end to standpipe and couple to standpipe. Deliver water. (A one into two breaching piece will be added when a single head stand pipe is used)

Firefighter Number 2:

On start command retrieve stand pipe from near side of appliance, go to hydrant pad, remove hydrant cover and ship standpipe. Go to rear of appliance and connect the feeder line to the pump inlet valve. Open pump inlet valve, activate throttle and open delivery valves once both branch (operators have clipped on and both signalled by hand before either delivery opened) operator's feet are clear of ladder.

Firefighter Number 3:

On start command move to rear of appliance, retrieve coupling from near side rear locker, couple to delivery outlet and return to locker, remove all flaked hose and branch, run to ladder and ascend, once on platform (clip on and) signal pump operator, open branch, hit target.

Firefighter Number 4:

On start command go to rear of appliance, retrieve coupling from off side rear locker, couple to delivery outlet and return to locker, remove all flaked hose and branch, run to ladder and ascend, once on platform (clip on and) signal pump operator, open branch, hit target.

CONDITIONS

Hoses used: - 1x10mx70mm rolled feeder hose – 2 x 38mm flaked delivery hoses. The appliance will be stowed with two 30m lengths of 38mm flaked hose, controlled branches attached, one length of 70mm feeder hose rolled single on the bight with strap buckled correctly, and one standpipe and breaching piece.

Stowage – One 38mm flaked hose with branch attached in each of near side and off side hose lockers. One 70mm feeder hose rolled on the bight along with the breaching piece will be in the near side hose locker. The locker will be open.

Standpipe will be stowed on approved holder on the near side rear cabin step of the appliance.

Appliance will be parked facing the start line with rear of appliance in line with the hydrant line.

A platform 4 m high with two ladders attached will be 17.5m from the hydrant line.

Competitors will start from a line in front of the appliance. On start command competitors must ship standpipe, connect 70mm hose to standpipe (using 1 into 2 breaching piece) and appliance (feeder hose must pass under the delivery hoses). The 38mm hoses are to be connected to the deliveries. The competitors in charge of the branches are to take the branches, which are connected to the hoses, mount the ladders, ensuring branches and hose are carried in the approved method and strike the target, which will be attached to the platform.

At the striking of the target, the competitor must be in a stable position on the platform and clear of the ladder. Time will be taken upon striking the second target. Pump operator must be identifiable and is not to leave the pump area. (Pump operator is not to open the deliveries until branch operator's feet are clear of the ladder) Pump will already be engaged and tank to pump valve in the closed position.

The ladder / tower competitors must wear an approved safety body harness, must climb ladder in the approved manner ie, maintain three points of contact, using each ladder rung and clipping on to anchor points provided at top of tower before starting any work. Pump deliveries are not to be opened until both branch persons have clipped on to anchor point (to harness) and hand raised to signal "water on".

PENALTIES

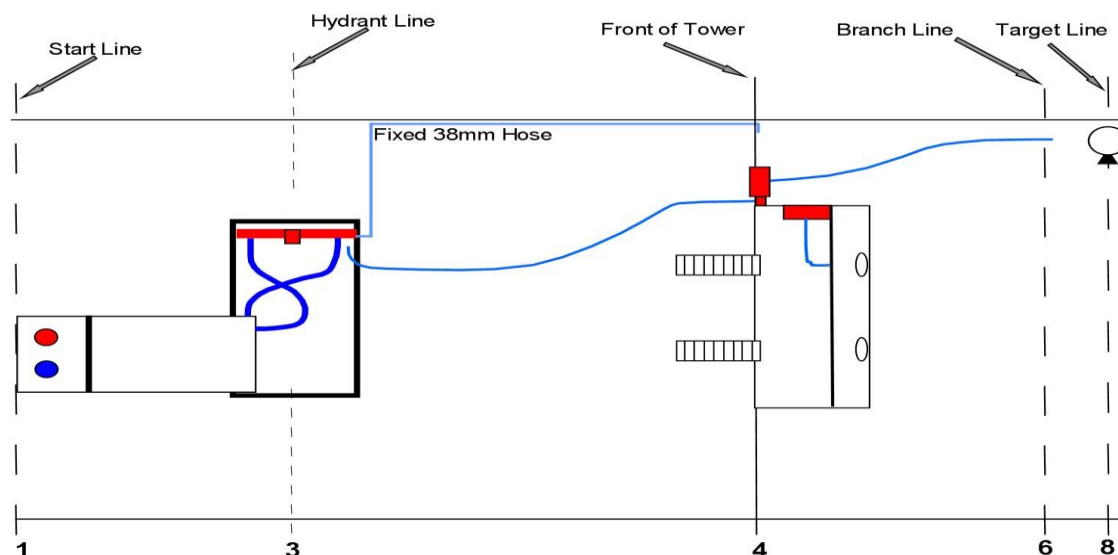
As listed in the Generic Penalties.

1. Opening the Tank to pump Valve – 10 seconds.
2. Competitor missing a rung or not using rungs as hand holds during ladder climb – 10 seconds.

DISQUALIFICATIONS

1. In ladder events the competitor must be in a stable position on the platform and clear of the ladder before turning on the branch.
2. In ladder events, the hose carrier must have both feet clear of ladder before pump operator can turn on water.
3. Failure to carry hoses aloft with branch attached by the approved method. (bandolier. ie Branch to be on the Competitor's back with hose across the body)
4. Pump operator opening deliveries before both branch operators have clipped on to safety harnesses and signalled water on
5. Branch or hose being allowed to fall to ground
6. Failure to wear safety harness

Event 3: Booster Valve, Ladder & Internal Reel Event - 4 Competitors



Objective

To extinguish a fire in a multi-storey building using a boosted water system, an internal building hose reel line and 38mm hose from a hose “cabinet” on first floor.

Equipment

Hoses used – 2 x 70mm (10m Filler Hose), 1 x 38mm Flaked Hose (30m)

The appliance will be stowed with one length of 38mm hose flaked and two 10m lengths of 70mm filler hose rolled on the bight. All with Stortz couplings

Stowage

Two 70mm filler hoses rolled on the bight will be in nearside rear hose locker. One 38mm flaked hose in either rear hose tray. All valves will be in the off position, except for fixed delivery line to hose reel (see sketch) and booster isolating valve. (Isolating valve on Booster Manifold must be turned off before boosted side delivery valve is opened) This valve is set at start of event to six turns open. Red light must be on before booster delivery valve is opened.

Layout on Track

Appliance will be parked with rear of appliance 1.0 – 1.5 metres in front of the hydrant line facing away from the track in lane 2. The booster manifold will be over lane 1 hydrant. A standpipe will be shipped in this hydrant with a short delivery line connected to the booster system. This stand pipe will be open for the duration of the event and is the only water supply for this event.

A platform 4 m high with two ladders attached will be 17.5m from the hydrant line.

Competitors will start from a line in front of the appliance.

Running of Event

On the start signal Competitors must connect 1 x 70mm filler hose from hydrant side of booster to pump collector, 1 x 70mm filler hose from pump delivery to delivery side of booster. 1 x 38mm hose from delivery side of booster to connection at bottom of the tower.

(Collector hose must pass under the delivery hose)

Target one is struck from a hose reel which is situated at base of tower and run out to ground level target. This reel is permanently supplied with water from boosted system (initially hydrant water through booster system, then water from pump after system has been boosted). Target two is to be struck using the hose located in at the top of the tower.

The ladder competitors are to take the branch which is connected to the hose at the top of the tower and strike the disc which will be attached to the platform.

The competitor must be in control of the branch before the valve is turned on and at the striking of the disc they must be in a stable position on the platform and clear of the ladder. Branch line rules apply.

The ladder / tower competitor must wear an approved safety body harness, must climb ladder in the approved manner ie, maintain three points of contact, using each ladder rung and clipping on to anchor point provided at top of tower before starting any work.

Time will be taken as the addition of the two target times.

Pump operator is to wear Station vest and is not to leave the Pumper area (5 metres).

Penalties

Refer to General Penalties plus any listed below that are specific to this event.

P7 – Booster Valve, Ladder and Internal Hose Reel		
A)	Failure to turn off isolating valve on booster, before opening booster delivery	10 Seconds
B)	Competitor in charge of the branch failing to have control of branch prior to turning on the valve	10 Seconds
C)	Competitor missing a rung or not using rungs as hand holds during ladder climb	10 seconds

Disqualifications

Refer to General Disqualifications.

1. In ladder events the competitor must be in a stable position on the platform and clear of the ladder before turning on the branch.
2. Platform branch operator to “clip on” before starting any work after dismounting ladder.
3. Failure to wear safety harness

Event 4: Pump Appliance Hose & Breeching Event

4 Competitors

Layout on Track

Appliance will be parked with rear of appliance in line with the hydrant line facing away from the track in lane 1. All pumper valves will be in the closed position.

Stowage and Equipment

One 30m x 38mm hose with branch attached and 1 x 30m length of 70mm both flaked in upper and lower rear hose tray of the appliance. One 10m x 70mm filler hose rolled on the bight will be in nearside rear hose locker (left hand tray). Two 30m x 38mm rolled hoses on the bight (right hand tray) and one Ackron branch (on shelf below 70mm hose) will also be stowed in nearside hose locker. A one into two Breeching piece with valves fully closed will be in the nearside rear hose locker (below 38mm hose).

Standpipe will be on a bracket attached to rear near side cabin steps. The lugs on the standpipe to be turned up one half turn, and the gooseneck can be anywhere from parallel to 90 degrees away from the appliance.

The tank to pump valve must remain closed during the event.

The deliveries can be connected to any outlet.

Team to commence the event from the start line 2m to the front of the appliance.

Standpipe to be shipped and the collector (feeder) hose connected from the standpipe to the pump, and water is turned on.

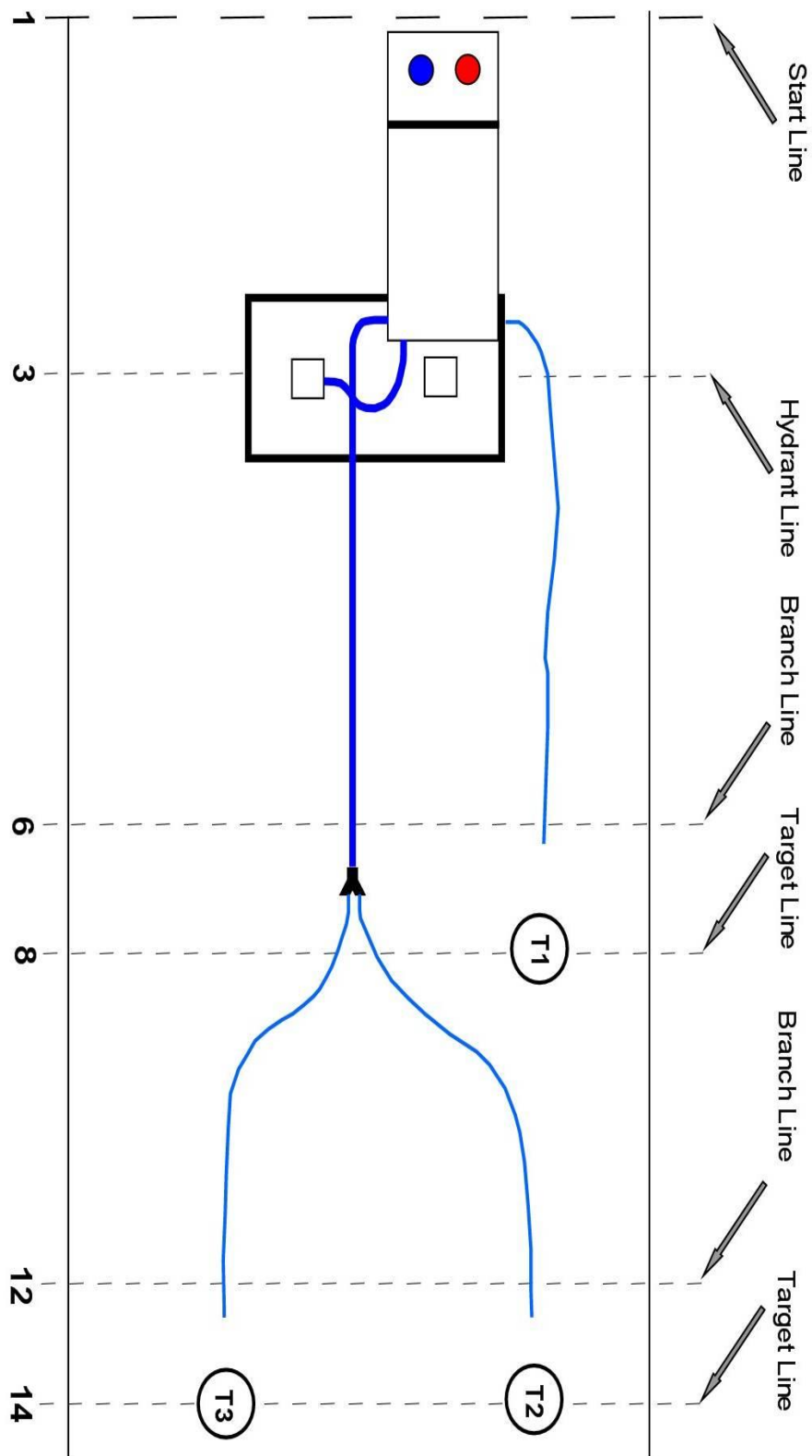
Run out 1 x length of 38mm delivery hose and strike target 1.

Branch from 1st delivery to be broken out and used for a subsequent delivery.

2nd delivery comprising 1 flaked 30m x 70mm hose, controlled dividing breeching and 2 x 38mm coiled deliveries will be run out and targets 2 and 3 hit. When both targets are hit with water the run ends. The pump operator must stay within the 2.5m designated area once the delivery valves have been opened. First target is a knock down. Event time is addition of targets 2 & 3.

PENALTIES

1. Pump operator leaving designated area when delivery valves are open – 10 seconds
2. Opening the tank to pump valve at any time during the event -10 seconds



Event 5: Pump Appliance Collector Event – 4 Competitors

Objective

A crew of four firefighters utilises the appliance and reticulated water supply to complete firefighting operations. Two hose feed lines are first connected from standpipe to appliance to provide water supply. A firefighter with branch connected to one length of two coupled delivery hoses, advances to the branch line. The pump is used to boost water pressure to strike target. Time is taken when the water stream strikes the target.

Firefighter Number 1:

On start command take branch and sufficient flaked hose from off side rear locker and proceed to the Branch line at target and strike disc with water jet.

Firefighter Number 2:

On start command, collect 2 x 70mm feeder hoses (rolled on bight) from near side locker, bowl hoses towards standpipe, and connect hoses to pump inlet, flake feeder hoses, open delivery valve and activate throttle (the delivery valve can be opened any time after the delivery hose has been connected). Open inlet valves to replenish water in tank prior to completion of run.

Firefighter Number 3:

On start command collect standpipe and breeching piece from nearside locker and proceed to hydrant, ship standpipe. Obtain couplings, couple to standpipe and turn water on and off as required.

Firefighter Number 4:

On start command, couple delivery hose to off side outlet, assist with flaking out of delivery hose, assist where required.

Conditions

Equipment required: The Appliance will be stowed with 2 x 30m lengths of 38mm flaked hose coupled together with a controlled branch coupled to the hose in offside rear locker.

2 x 30m x 70mm hoses rolled on bight stowed in near side locker.

1 x 1 into breeching piece (valves closed) stowed on R/H shelf below rolled hose

Standpipe, stowed on bracket attached to rear cabin near side step.

The appliance will be parked facing the start line, with pump inlet 20 metres from hydrant.

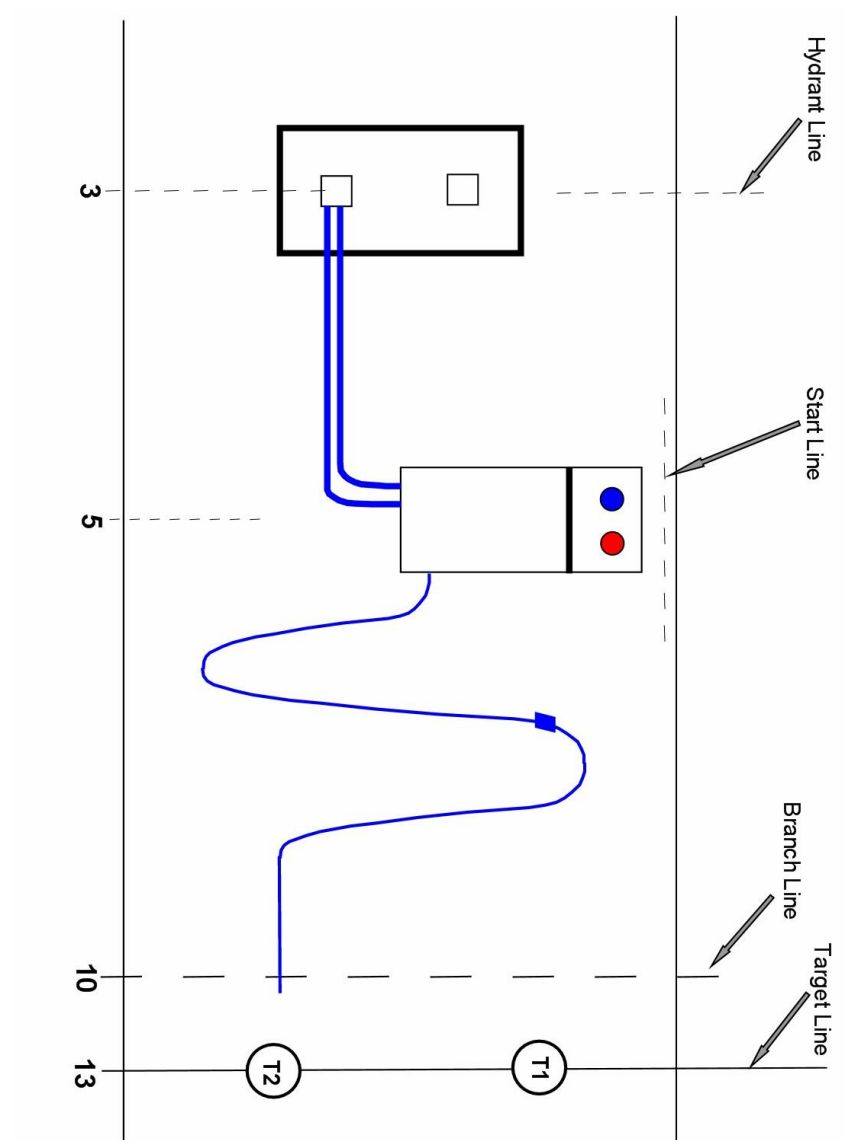
The start line is 29.5 metres from hydrant line.

On start command, competitors must ship standpipe, bowl 2 x feed hoses and connect hoses to standpipe and appliance. Run out flaked delivery hose so that firefighter has part of body and branch over branch line when target is struck, provide effective jet to strike the target which is approximately 40 metres from appliance.

Time will be taken from when water strikes the target. Water from the appliance water tank or hydrant can be used to supply delivery hose. Standpipe must be turned on and water refilling appliance water tank. Pump will already be engaged and tank to pump valve in closed position.

PENALTIES

1. Crew have 40 seconds to supply water to Appliance from hydrant from start of the event, using both feeder lines from the hydrant. **Failure to complete –10 seconds**



Event 6: Hose, Hydrant & Extinguisher Event - 3 Competitors

Objective

A portable extinguisher is used as the first attack on the fire (target 1). As the fire spreads, a branch and hose line is used in the same area (target 2). Once target 2 is struck a second length is added to advance on the fire and strike target 3, a further 30 metres forward. A crew of three firefighters draw for positions and demonstrate skills in the use of an extinguisher, standpipe, and hose and branch handling. The combined times (targets 1 and 3) is considered for this event.

CONDITIONS

Hoses used: - 2 x38 mm hoses rolled on the bight.

Each team shall consist of 3 members. The competitors at the start line shall draw for positions: No.1 Hydrant, No. 2 First line of Hose and No.3 Extinguisher. Coloured armbands or numbers will be issued and worn. Competitors must not change their drawn positions. Competitors to stand in front of the back mark line, which is situated 1.5 m behind the start line, and must start on the starting signal. Equipment consisting of standpipe, controlled branch, 2 lengths of 38 mm hose rolled on the bight and an extinguisher (stored pressure type) with 4.5 lt. of water.

Equipment may be arranged at the discretion of the competitors. On start command each member shall complete the first stage of the evolution as per the draw. Extinguisher person to take extinguisher only and strike first target which will be on the first branch line. Hydrant person to ship standpipe connect hose and turn on water, hose person to take first length of hose and branch and strike second target. this will be number 2 target. Second length of hose cannot be moved until at least one competitor has completed their first part of the evolution. After striking the second target water must be controlled by the standpipe while removing the branch and connecting the second line of 38mm hose allowing the third target to be struck. Competitors may move from drawn positions after the first stage of the event. Times will be taken from the first and third targets. **NOTE:** Extinguisher must be left in an upright position on the track. Rolled hose to be bowled in the approved manner.

Penalties

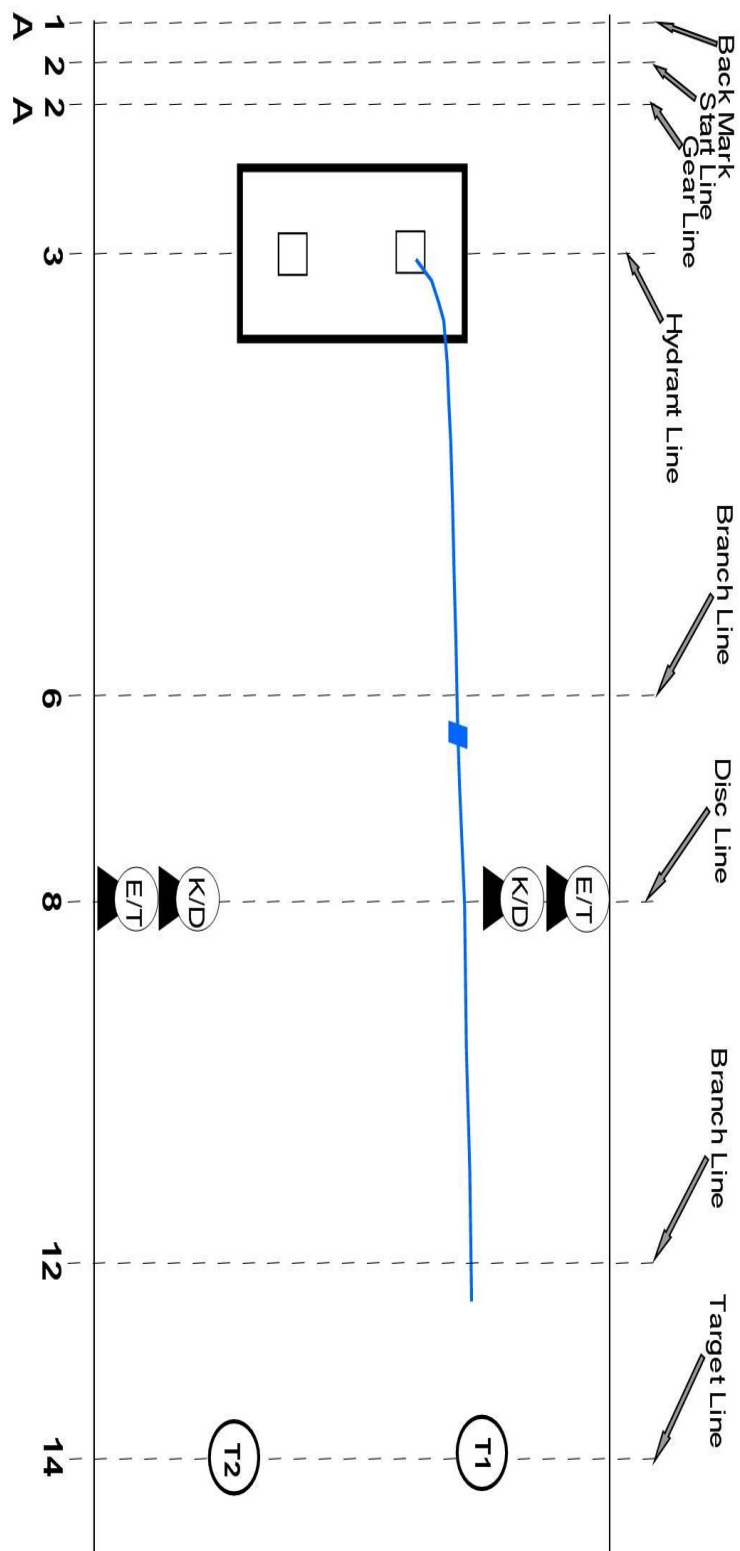
Refer to General Penalties plus any listed below that are specific to this event.

Disqualifications

Refer to General Disqualifications plus any listed below that are specific to this event.

PENALTIES

1. Extinguisher must be left in an upright position on the track. - **5 seconds.**
2. Moving second length of hose before striking number one target or before completion of one part of the evolution. - **10 seconds.**



Event 7: Wet Hose Marshall Event – 4 Competitors

Originating from Victoria this event has been developed from the original dry hose event initiated by Chief Officer TS Marshall in the late 19th century. The event has been conducted at every Championship. In 2013 the winning time was 18.731 seconds recorded by Silverdale from NZ.

Objective

A crew of four Firefighters deliver water from the standpipe through 1 length of 38mm hose to strike the 1st target and then replace first line with second line of 38mm hose at the standpipe to strike the 2nd target and stop the clock.

Suggested way to run Event

On start command:

Firefighter 1

Proceeds to right hand hose coupling (hose 1), breaks coupling within the marked area, proceeds back to standpipe with one end of hose and connects to standpipe. Then proceeds to left hand hose (hose 2) and takes coupling and second branch from marked area, connects hose to branch and proceeds to Branch Line and strikes left hand Target (2) with water.

Firefighter 2

Proceeds to right hand hose coupling (hose 1), takes coupling broken by Firefighter 1 and connects to first branch, proceeds to Branch Line and strikes right hand Target (1) with water.

Firefighter 3

(Starts with standpipe on start line). Proceeds to hydrant and ships standpipe, turns on water after 1st hose has been coupled. After Target 1 has been struck with water, turns water off to allow second hose to be coupled, then turns water on.

Firefighter 4

Proceeds to the left hand hose coupling (hose 2), breaks coupling within the marked area, proceeds back to standpipe with one end of hose, after Target 1 has been struck removes first hose, connects hose 2 to standpipe. Clock stops when Target 2 is struck with water.

Qty	Name/Type	Location
1	Standpipe	With standpipe operator at start line
2	38mm hoses with 64mm couplings	Placed on track as per track layout
2	64mm branches	Placed on track as per track layout

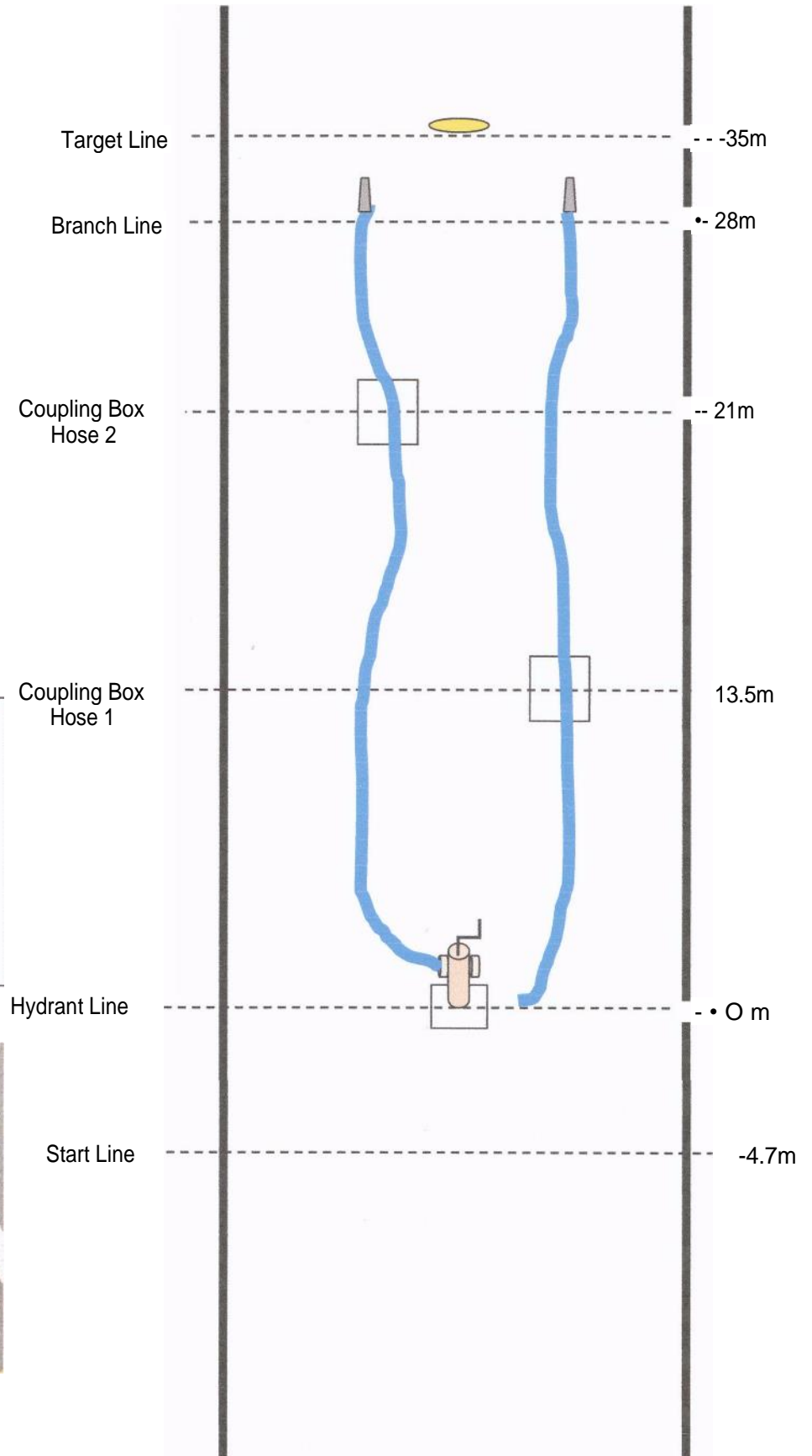
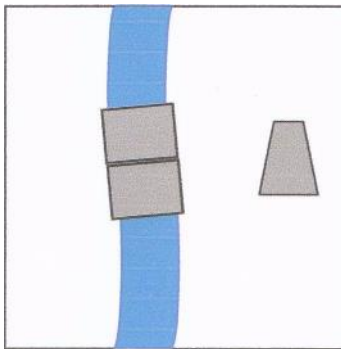
Penalties in seconds (event specific)

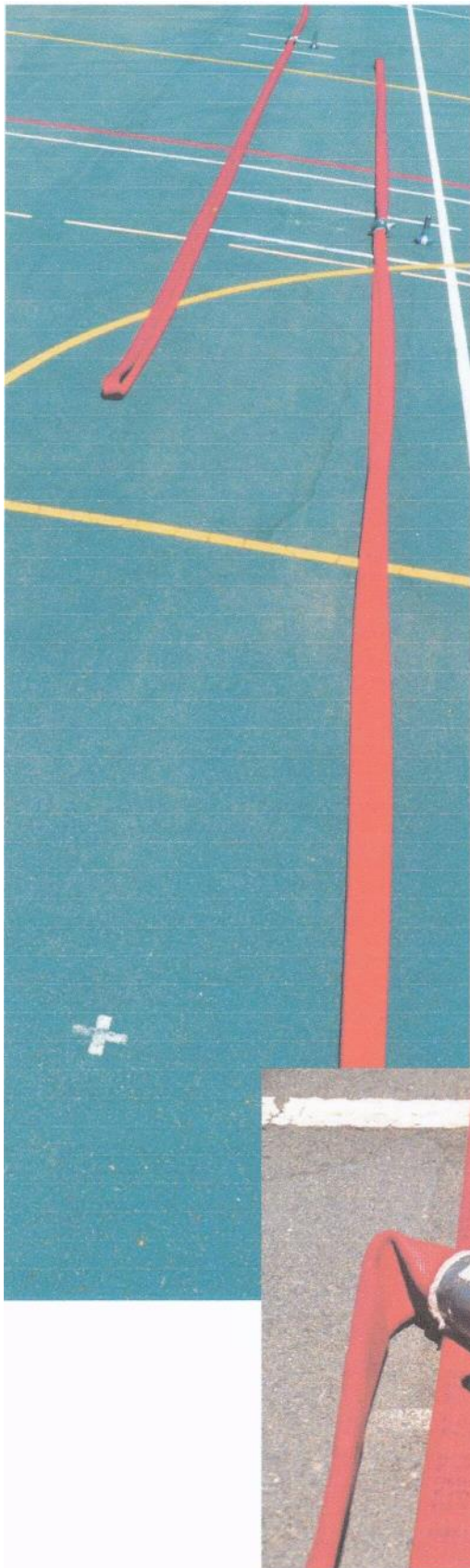
Couplings broken outside the marked area	10
First hose removed before target 1 has been struck	10

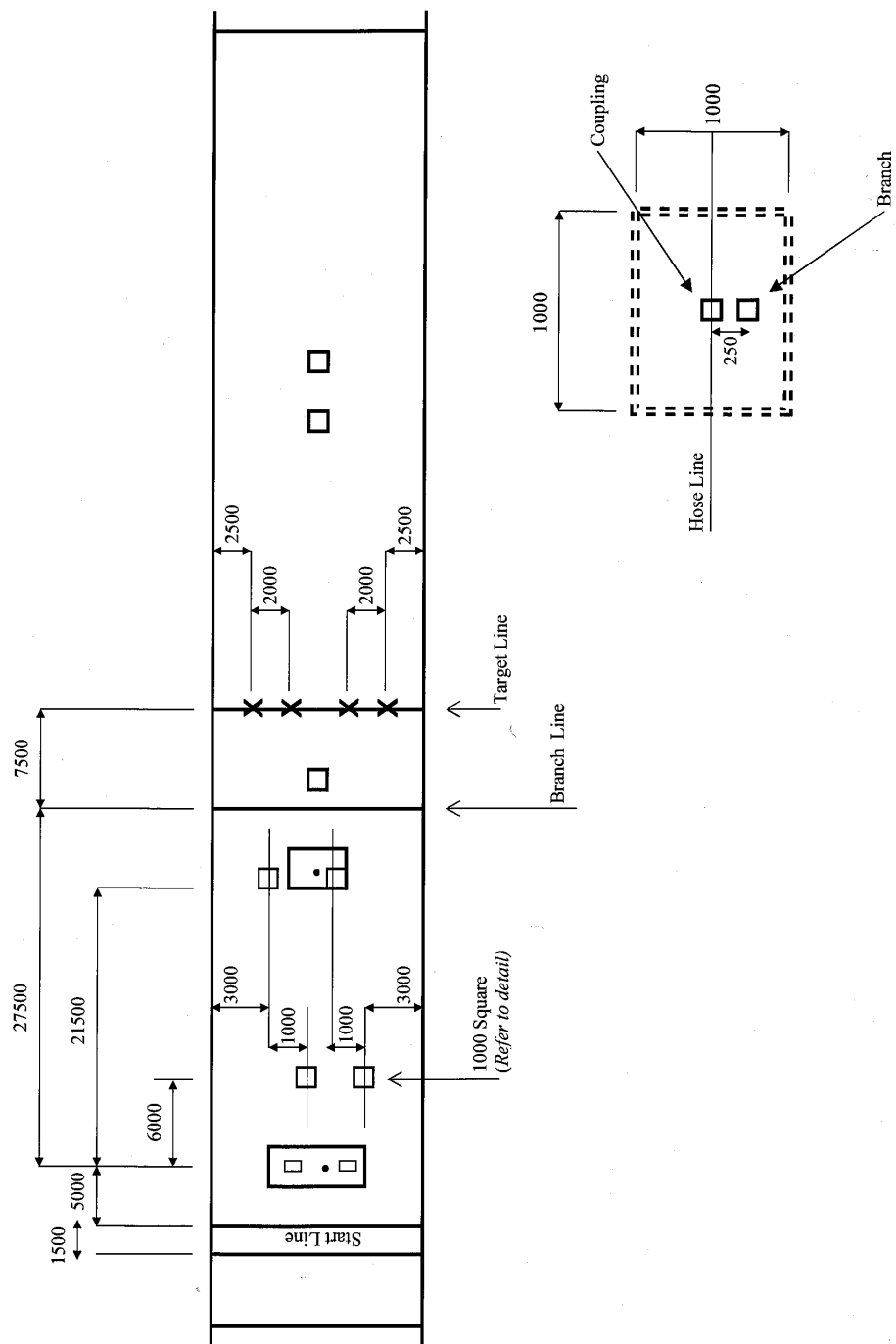
Track Layout

Track dimensions and hose lay at completion of event Not to scale Lane width 9m

Coupling Box is 1m x 1m and will be set up as per diagram below with couplings joined and branch placed beside couplings at the start of event







Event 8: Hose and Hydrant Event – 4 Competitors

Objective

A crew of four firefighters, ship a standpipe, couple and run out a delivery hose line of two lengths, couple branch and with water stream strike target. Time is taken when the water stream strikes the target.

Firefighter Number 1:

On start command collect one length of 38mm hose rolled double on bight from equipment line, proceed to hydrant, bowl and run hose to full length. Collect the branch and female coupling from Firefighter No. 4, proceed to the Branch line and strike target.

Firefighter Number 2:

On start command proceed to hydrant and couple hose to standpipe.

Firefighter Number 3:

On start command collect standpipe, and proceed to hydrant. Remove hydrant cover. Ship standpipe and turn water "On" and "Off" as required.

Firefighter Number 4:

On start command collect second length 38mm hose rolled on bight and branch. Proceed to where Firefighter No. 1 has extended the first length of hose. Hand branch to firefighter No. 1, bowl hose, hand one coupling to Firefighter No 1, couple hose to first length. Proceed to assist firefighter No1

CONDITIONS

Equipment required: 2 x 30 metre lengths 38mm hose, standpipe and a controlled branch. All equipment will be positioned on the equipment line located 0.6m in front of start line. Branch to be shut. Standpipe shall have the handles on the gear line with gooseneck flat on the ground and the head of the standpipe facing down the track. The lugs turned up one half turn. Hoses to be buckled through strap such that it supports the weight of the hose when (if) checked.

On start command competitors must provide and bowl 2 lengths of hose, ship standpipe, couple branch to hose and turn standpipe on. The branch firefighter must have part of his body and part of branch over branch line before striking target.

Distance between hydrant and Branch line is approximately 55 metres.

Time will be taken upon striking the target.

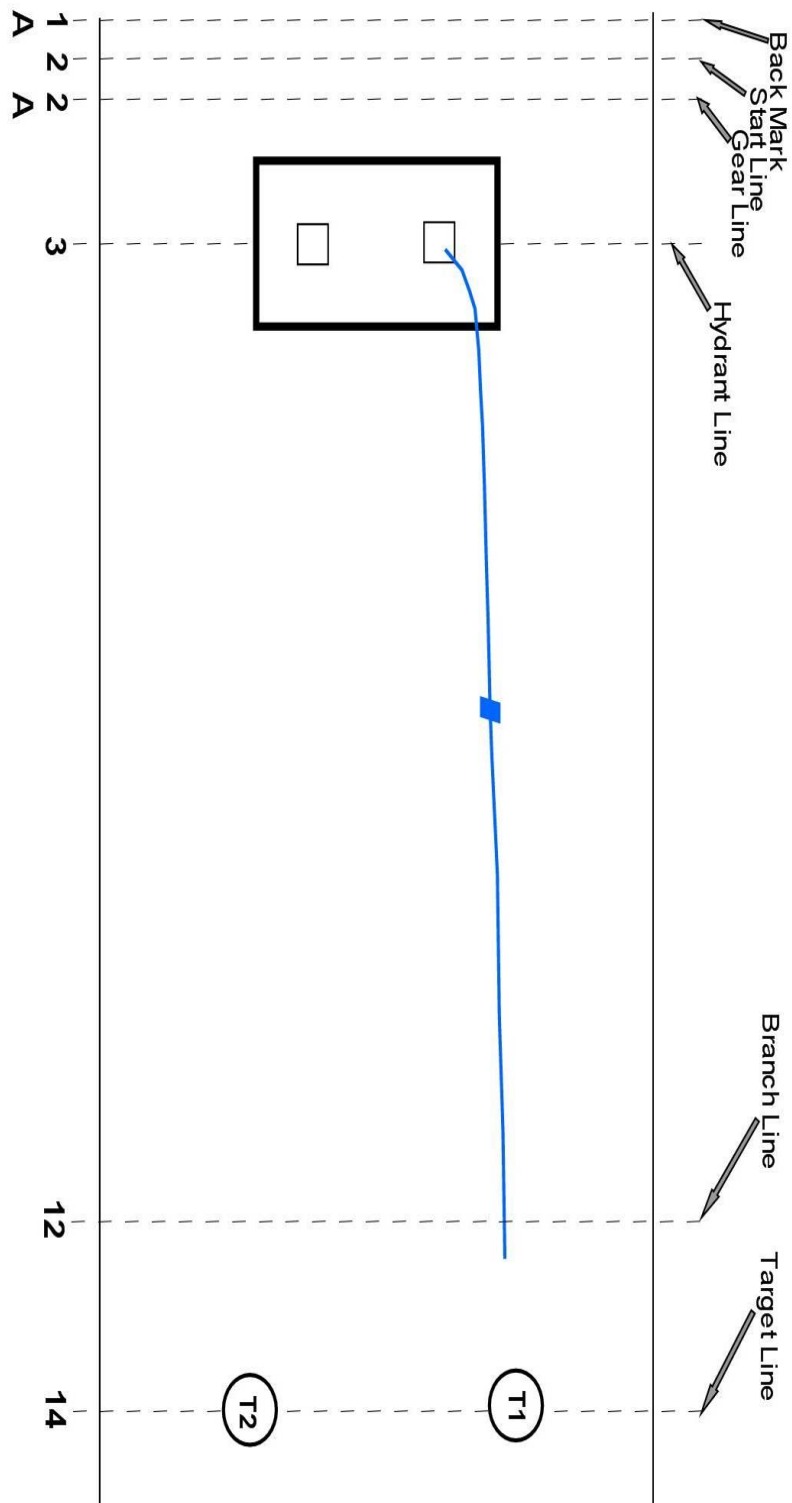
Note: Competitors can decide which tasks they perform.

Penalties

Refer to General Penalties plus any listed below that are specific to this event.

Disqualifications

Refer to General Disqualifications plus any listed below that are specific to this event.



Event 9: Hose Hydrant Event – 2 Competitor

Objective

A team of 2 firefighters use this event to simulate an attack on a fire using 1 length of hose and water directly from a hydrant.

Equipment

Hoses used – 1 x 38mm x 30m (rolled double on the bight)

One length of 38mm hose rolled double on the bight, one shut-off branch and one standpipe. All with storz couplings

Stowage

Equipment as listed above may be arranged on the Gear Line at the discretion of the competitors.

Standpipe shall have the handles on the gear line with gooseneck flat on the ground and the head of the standpipe facing down the track. The lugs turned up one half turn.

Branch to be shut.

Hoses to be buckled through strap such that it supports the weight of the hose when (if) checked.

Layout on Track

The start line will be 5m from the centre of the hydrants and 32.5m from the branch line. The targets will be a further 7.5m past the branch line.

Running of Event

There is no draw for positions in this event, competitors can move between positions.

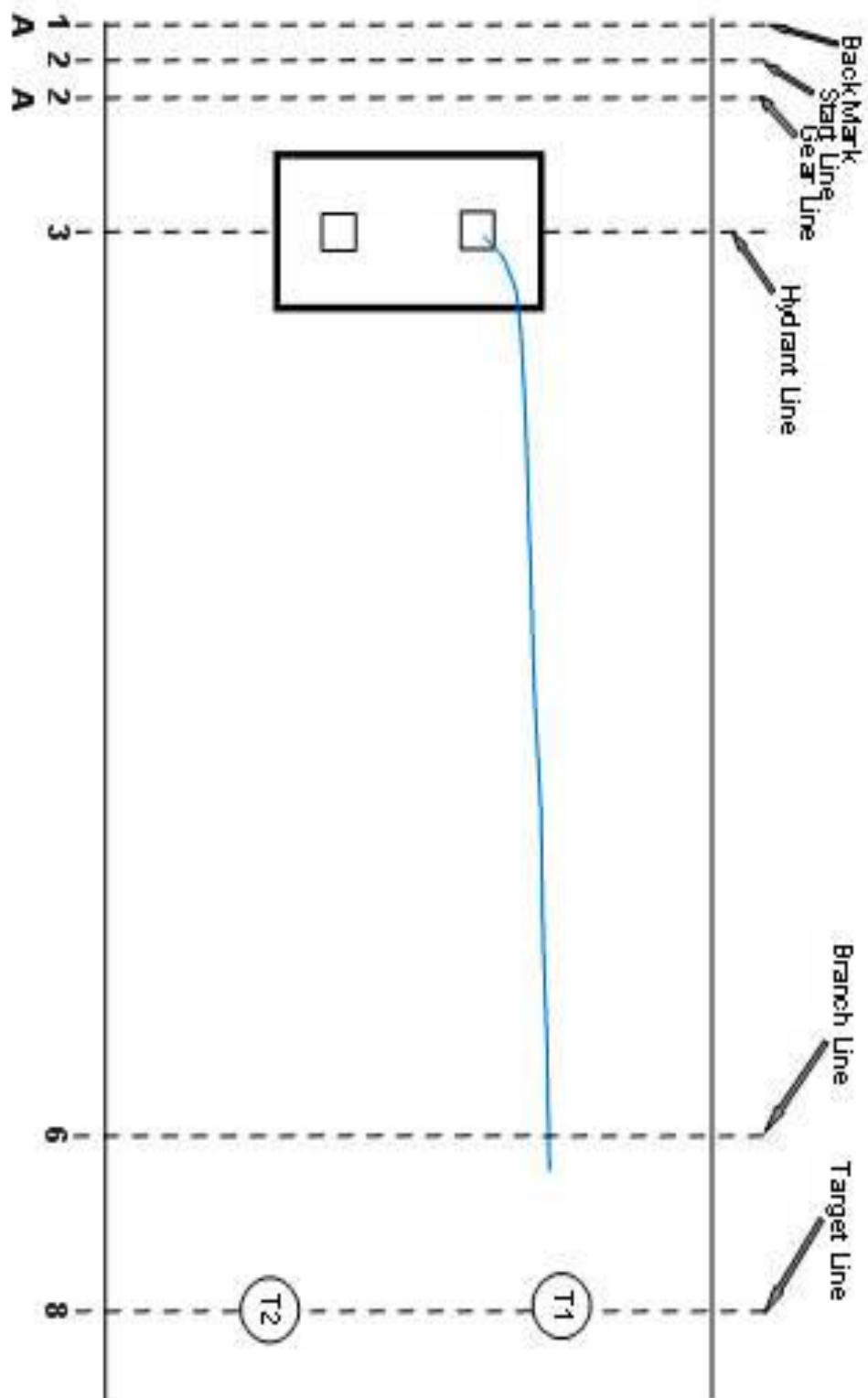
On the start signal the competitors must ship the standpipe, connect and run out the 38mm hose, attach the branch then strike the target.

Penalties

Refer to General Penalties plus any listed below that are specific to this event.

Disqualifications

Refer to General Disqualifications plus any listed below that are specific to this event.



Event 10: Pump Suction Event – 4 Competitors

Objective

A crew of four fire fighters is used to draught water, using a type 2 pumper to attack a fire using one delivery and two 30 metre lengths of 38mm hose connected together. An Akron branch is attached to the second length of hose which is used to strike the target. Once suction hose is attached to the collector, the pump engine will be started at rear of appliance by the pump operator, the engine top speed will be preset at start of the event to limit the delivery pressure for safety to branch operator. The pump engine will be started at rear of appliance by the pump operator.

Engine speed shall be controlled at rear of appliance by hand throttle only.

Pump operator to wear station vest and must not leave the pumper. (5 metres)

Stowage

1. One length of suction hose stowed in upper left suction hose rear locker. Locker door will be open with strainer protruding.
2. One length of 38 mm rolled hose, stowed in near side rear rolled hose locker.
3. One Akron branch, with shut- off closed, stowed in near side rear rolled hose locker.
4. One length of 38 mm flaked hose, stowed in left or right rear hose lockers.

Method

1. Starting from in behind pumper, (see Sketch) the crew will remove suction cap, and attach suction hose, (pump is not to be started until after the suction hose is attached) the flaked length of hose is connected to No 2 or 3 delivery and run out. The rolled hose and branch from the near side locker is taken to the end of the first hose and connected. This hose is then run to the branch line, the branch having been connected and target struck.

Penalties

Refer to General Penalties plus any listed below that are specific to this event.

- 1. Starting pump before suction hose is connected.—10 seconds**
- 2. Failure to have suction cap on rear step of pumper at conclusion of the event.(if not attached by chain) - 2 seconds**
- 3. Pump operator-leaving pump unattended as defined by track lines (must be inside the white lines 4 – 6 (on the line is out) – 10 seconds.**

Equipment

Hoses used – 2 x 38mm (30m) (1 x Flaked & 1 x double rolled on bight)

The appliance will be stowed with one 38mm hose flaked, one 38mm hose double rolled on the bight, one shut off branch and one length of suction hose.

All with Stortz couplings

Layout on Track

Appliance will be parked with rear of appliance just over the edge of the concrete pad facing away from the track in lane 1. (And lane 2. If two teams run together). All valves will be in the closed position.

The start line will be 5m from the centre of the hydrants behind the appliance and the branch line will be 62.5m from the start of track. Hydrant line is 10m from start of track. The targets will be a further 7.5m past the branch line.

Running of Event

On the start signal competitors will remove the suction cap and attach the suction hose. (Pump is not to be started until after the suction hose is attached, judged by coupling faces touching fully around the circumference) The flaked length of hose is to be connected to the number 3 delivery and run out. The rolled hose and branch is taken to the end of the flaked hose connected and run out to the branch line to strike the target. The rolled hose may be rolled out in the prescribed manner at any time after start signal is given.

Penalties

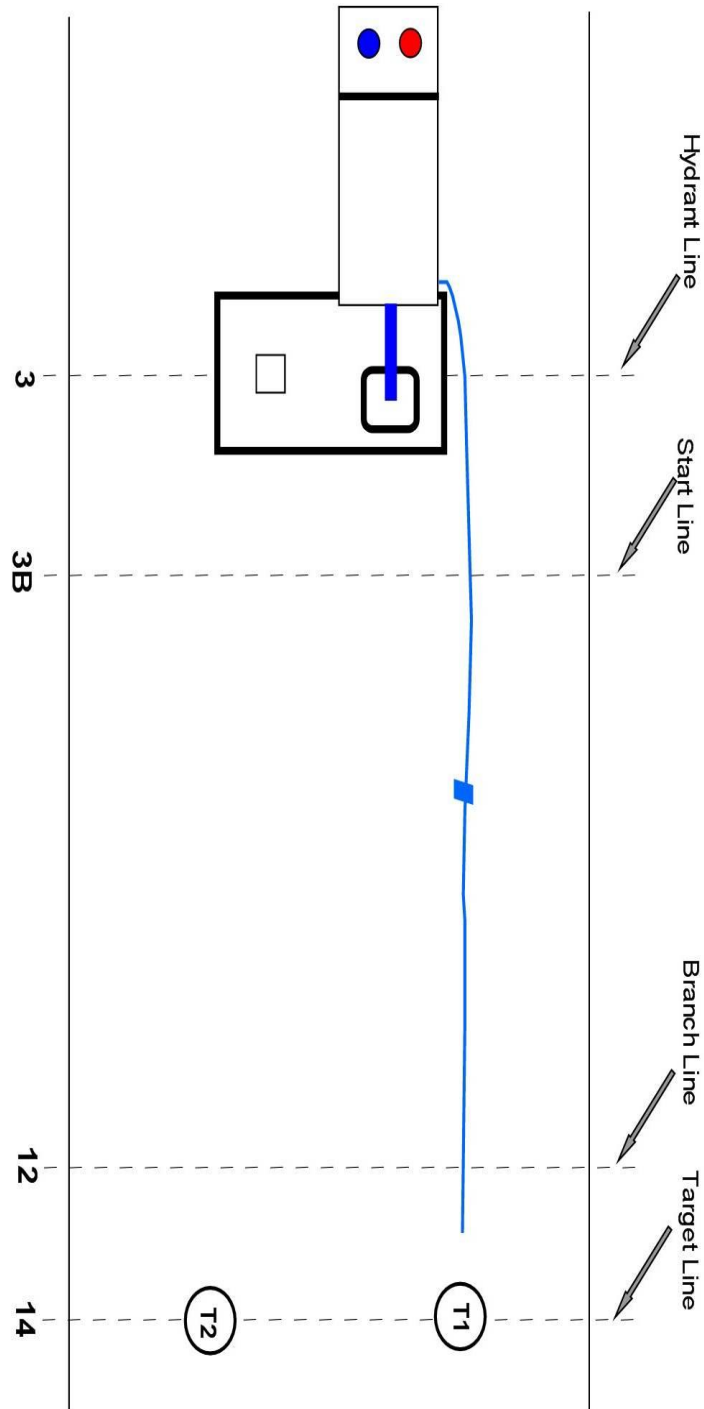
Refer to General Penalties plus any listed below that are specific to this event.

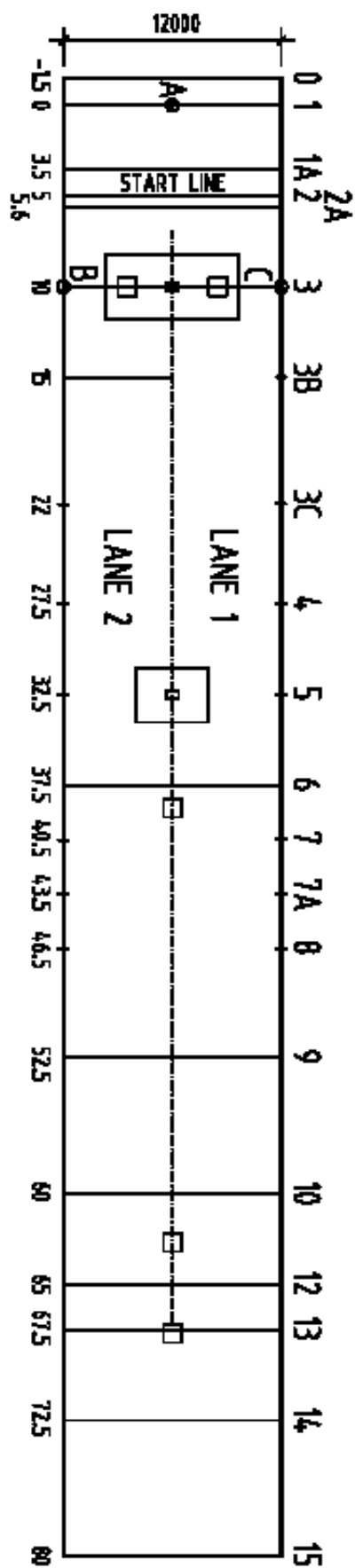
P15 – Urban Pump Suction		
A)	Starting the pump before the suction hose is connected	10 Seconds
B)	Failure to have suction cap on rear step at conclusion of event (unless attached by chain)	2 Seconds

Disqualifications

Refer to General Disqualifications plus any listed below that are specific to this event.

- 1.** Activating throttle before engine is running.





Championship Ground Measurement