



Fire and Rescue NSW Firefighter Championships Association Inc

Rules Governing Championship Events

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Table of Contents

1. GENERAL	4
1.1 Eligibility	4
1.2 Admission.....	4
1.3 Competition Points	4
1.4 Draw.....	5
1.5 Alterations	5
1.6 Composites	5
1.7 Substitutes	5
1.8 Veterans' Suction Event.....	6
1.9 Timing	6
1.10 Protests.....	6
1.11 Protest Committee	7
1.12 Withdrawals	7
1.13 Opening Ceremony and Torchlight Procession.....	7
1.14 Meeting	8
2. UNIFORMS	9
2.1 Uniform.....	9
2.2 Footwear and Socks.....	9
2.3 Medals.....	10
2.4 Head Dress Badge.....	10
2.5 Dress Uniform	10
3. EQUIPMENT	12
3.1 General	12
3.2 Inspecting The Equipment.....	12
3.3 Carrying of Hose in Championship Events.....	12
3.4 Hose.....	12
3.5 Coiled Hose.....	12
3.6 Standpipe and Branch.....	13
3.7 Hose Running Out.....	13
4. RUNNING OF EVENTS	14
4.1 Notification	14
4.2 Assembly Area	14
4.3 Start Line Marshalling Area	14
4.4 Inspecting Gear	14
4.5 Pump Gear.....	14
4.6 Collectors	15
4.7 Starting of Events	15
4.10 Winner.....	15
4.11 Ending Evolution	16



4.12	Dead-heats	16
4.13	Assistance After Run.....	16
5.	OFFICIALS.....	17
5.1	Chief Track Marshals	17
5.2	Examiners – Track Marshals	17
5.3	Track Officials	18
5.4	Safety Officer	18
5.5	Other Officials	18
6.	EVENTS	19
6.1	Booster Valve, Ladder and High-Rise Bag.....	19
6.2	Booster Valve, Ladder and Internal Hose Reel	22
6.3	Urban Pump, BA & Foam	25
6.4	Urban Pump and Breeching	30
6.5	Urban Pump Collector and Ladder	32
6.6	Urban Pump Disabled & Davey Pump	34
6.7	Urban Pump Suction	37
6.8	Hose and Hydrant - 2 Competitor.....	39
6.9	Hose and Hydrant - 4 Competitor.....	41
6.10	Hose Hydrant and Extinguisher - 3 Competitors	43
6.11	Ladder Practice – 1 Competitor	45
6.12	Rescue Event.....	47
6.13	Hose, Hydrant and Breeching	51
6.14	Urban Pump Collector.....	53
6.15	Veteran Suction – State Only.....	55
6.16	Discipline – State Only.....	57
6.17	General Penalties.....	58
6.18	General Disqualifications	60



1. GENERAL

1.1 Eligibility

All Competitors at a Championship must be financial Members of the Association, a member of the Fire & Rescue NSW Brigade or Retired Firefighters. However, the Management Committee of the Association has discretion to authorise the participation of competitors by Invitation.

1.2 Admission

Admission to the ground will be free. Unless the Grounds Director gives express permission, only Members of Fire & Rescue NSW, visiting Guests, Association Officials and Competing Teams will be permitted to enter the Championship Events area.

1.3 Competition Points

For Team Events:

Place	1	2	3	4	5	6	7	8	9	10
Points	200	120	80	60	40	38	36	34	32	30

Place	11	12	13	14	15	16	17	18	19	20
Points	28	26	24	22	20	18	16	14	12	10

Place	21	22	23	24	25	All subsequent places	Disqualification or miss
Points	8	6	4	2	2	2	0

For 1 Competitor Events:

Place	1	2	3	4	5	6	7	8	9	10
Points	100	60	40	30	20	19	18	17	16	15

Place	11	12	13	14	15	16	17	18	19	20
Points	14	13	12	11	10	9	8	7	6	5

Place	21	22	23	24	25	All subsequent places	Disqualification or miss
Points	4	3	2	1	1	1	0



1.4 Draw

In all Events a draw for track positions will be made and this draw presented in the Official Program. Teams/Competitors will run in order as this list is published.

1.5 Alterations

The Association or Ground Director reserves the right to make any alteration in the running of the various Events as may be deemed necessary.

1.6 Composites

With Events as defined as 1 – 2 Competitor or 3 – 4 Competitors.

With the object or stimulating interest and efficiency within the FCA, applications by Brigades seeking to enter a Composite Team will be accepted at the discretion of the RGE Committee.

Forms for registration of teams will be issued by the Association and must be completed by the Team Captain prior to each run.

These Members must not be actually competing for their own Brigade/s in that particular Team Event. Teams so approved to compete will be eligible for points and trophies.

Individuals associated with composite teams may compete as their own Brigade in 1 – 2 Competitor Events. (See Event conditions)

1.7 Substitutes

Where a competition / invitation Team comprises not more than four Competitors and one of the members are injured or otherwise incapacitated so as to preclude the Member from participation in a particular or subsequent four Competitor Event, then such member may be replaced by another, not being of that Team, but who must be a Member of a fire or emergency agency with approval. The use of substitutes shall be at the discretion of the protest Committee. All points gained by the Team shall count in the aggregate point score of the Team using the substitute. No Competitor may compete for more than one Team in any Event. Substitutes involving Invitation Brigades / Competitors will be subject to the discretion of the RGE Committee.

1.8 Veterans' Suction Event

Approval has been given by the Management Committee for Brigades attending a State Championship to compete in a Veterans Suction Event.

Competitors competing in this Event must be fifty years of age or over and a serving or retired Member of a Brigade.

Invitation Teams may also be permitted to compete in this Event with permission of the Protest Committee.

1.9 Timing

All Events will be electrically timed where applicable. The time to be taken at the striking of the disc with the first or second stream as the Event requires.

1.10 Protests

Any Protest must be made in writing on form provided, signed by the Captain of the Team and be accompanied by a deposit of fifty dollars (\$50). It shall be lodged with the Chief Track Marshal within fifteen minutes of the incident having occurred against which the protest is lodged. The deposit will be forfeited if the protest is dismissed. Faulty equipment on which a protest is to be lodged must be shown to the Rules Governing Events Official who is assisting the Chief Track Marshal prior to the start of the next run.

A team or Competitor will not be granted a re-run if in the course of an event a coupling is damaged and is unable to be disconnected or connected from and to other couplings. (This will apply to all events)

In regard to Protests generally, a Representative of the Team entering the Protest, may seek an explanation from the officiating Rules Governing Events Official of the decision given prior to the next run.

If the Representative is not satisfied with the explanation given, such Representative may lodge an official Protest within the prescribed fifteen minutes of the Team run.

A Team may also protest for:

- (a) Removal of penalty
- (b) Re-run in the Event.

NOTE: The Protest Committee has formulated a procedure dealing with protests from Teams, which will be outlined, to Teams making Protest. The procedure for Protests is as follows:

All equipment protests must be made to the RGE official assisting the CTM prior to the start of the next run. One representative of a competing Team must seek explanation from officiating RGE member of the decision given prior to the next run. If they are not satisfied with the explanation, they may lodge an official protest within fifteen minutes of their Team's run.

On lodgement of the protest on the form provided, the appointed protest committee (minimum of three), the Team representative and official/s involved, will meet in a private area provided to conduct the protest. Protest hearing - the Team representative will state their case to the Protest Committee and track official/s, at which time he \ she will then be excused. The Chairman of the Protest Committee will seek explanation from track official/s and the Protest Committee will then make judgement.

Team representative and official/s will then be invited back into the meeting and advised of the decision. RGE Committee will appoint Members to assist in RGE duties.

1.11 Protest Committee

A Protest Committee shall be appointed for each Championship and consist of Members of the Rules Governing Events Sub-Committee, plus Association President or Vice President.

The Protest Committee may adjudicate on any matter and its decision is final. Protest Committee Members should be whenever possible non-Competitors and approved members of the Association.

1.12 Withdrawals

Any Team wishing to withdraw from an Event must give notification in writing to R.G.E. Officials not later than during the progress of the preceding Event.

1.13 Opening Ceremony and Torchlight Procession

As approved by the Director of Championships and Management Committee Ceremonies or Parades will be conducted: -

(a) Opening Ceremony

The protocol and format will be defined prior to each Championship. The dress for the Parade as defined in 2.5(a)

(b) Torchlight Procession

At State or Special Championships, a Torchlight procession may be conducted. The dress for the procession will be as ordered by the Commissioner of the day.

Brigades will be required to attend in the uniform and boots as described in 2.5(a), at the assembly point at the time and in the order specified in the Official Programme, with banners as supplied, and torches which will be distributed. The “fall in” position will be indicated by a number on the roadway.

No banners other than those depicting the names of the various Brigades and as supplied by Fire & Rescue NSW, will be allowed in the procession

1.14 Meeting

A meeting of all appointments to each Championship, Officials, Examiners and a Representative of each Team will be held on the Ground each day prior to the commencement of the Championships.

2. UNIFORMS

2.1 Uniform

All Competitors are required to bring to each Championship their full Firefighting uniform, namely: -

- Helmets
- Boots
- (Structure coat & trousers)
- Firefighting gloves
- Work shirt (long sleeve)
- Cargo pants.

Competitors, except for the Ladder Practice, must start and finish fully equipped in uniform, which will consist of work shirt(long sleeve), Cargo trousers, boots or shoes (black). Brigade Peak Cap shall not be worn during an evolution but may be worn at presentation of trophies and closing ceremonies. Baseball type caps (Brigade issue) may be worn whilst competing in defined Events at Zone and State Championships as protection from sunlight.

For the Ladder Practice - 1 Competitor Event, the dress will be singlet or shirt, and trousers, with boots or shoes (the colour being optional).

For other ladder events the Competitors ascending the ladder shall wear a harness as provided.

2.2 Footwear and Socks

As all Competition Events will be run on a grass track, strips and moulded soles, but not screw type studs or spikes, on footwear will be permitted. Footwear is to be coloured predominantly black. Football boots with sprigs will not be permitted. Current Brigade issue footwear is acceptable.

NOTE: For safety reasons, the Committee of the Association recommends to Competitors that they refrain from wearing personal jewellery whilst competing in Events. If personal jewellery (that is, finger rings) are worn, they must be taped.

2.3 Medals

Medals or ribbons for Military Service, or other medals awarded by the Sovereign, or Commonwealth including the Australian Fire Service Medal, National Medal and Her Majesty's Fire Brigade Long Service and Good Conduct Medal, or medals awarded by the former Board of Fire Commissioners of NSW and Fire & Rescue NSW for conspicuous bravery, and those awarded by other authorities, may be worn on full dress uniform or tunics on the right breast on ceremonial occasions. Such medals or ribbons may also be worn during the Discipline Event and the Torchlight Procession.

Medals worn on full dress uniform should be such that the top edge of the medals, stars and other decorations should be in a straight line placed so that the bottom edges are above the pocket flap.

Ribbons of orders, decorations and medals which have been awarded to a Member are worn in rows above the left breast pocket in order of precedence and are positioned centrally above the left breast pocket and the bottom row just touches the pocket flap. Each row may contain not more than four ribbons. The order of precedence of decorations worn on the left breast are as laid down in the Fire & Rescue NSW protocol manual.

2.4 Head Dress Badge

Cap badge to be worn in centre of headdress, bottom portion resting on rim.

2.5 Dress Uniform

(a) Opening and Closing Ceremony and Torchlight Procession.

1) Summer: -

Firefighters – Work shirt, Cargo Pants, Black belt, Brigade Peak Cap and Black shoes.

Senior Officers, Captains and Station Officers - uniform trousers, black belt, short sleeve shirt, Brigade Peak cap and black ankle boots.

2) Torchlight Procession, Winter or Special Weather Conditions: -

Firefighters and Senior Officers – Helmets, work shirts cargo pants firefighting boots, medals as per in orders.

(b) Medal Presentations and Official Social Functions: -

Summer

Dress uniform shirt and tie. (Medal will be pinned on shirt)

Winter

Dress uniform shirt and tie with Galatea (when issued) and Brigade Peak Cap.

(c) Discipline Event: -

The dress will be defined in Conditions for this Event. (page 51)

(d) General Dress Code: -

Firefighters are to wear Work shirt, Cargo Pants, Black belt, Brigade Peak Cap and Black shoes. When in attendance at or whilst proceeding to and from the Championship Ground for the purpose of competing in Events

NB Social events outside the track environment will be strictly **no uniform**, where service of alcohol is possible.

3. EQUIPMENT

3.1 General

All Events will be run under service conditions with service gear and equipment supplied by FRNSW.

3.2 Inspecting the Equipment

Facilities will be provided in order to enable Members to look over motors and other equipment at the Championship Ground prior to the commencement of the Championship. No Brigade shall be allowed to handle equipment used in an Event or be on the Ground at any time except on the discretion of the R.G.E Committee or Ground Director.

3.3 Carrying of Hose in Championship Events

In all Events where hose is used upon a Ladder the Team member carrying the hose and branch aloft shall carry it in the “Bandolier” method, with branch on the back. A ladder examiner will call “safety stop” if hose carry is incorrect. Competitor will be allowed to continue only if hose position is rectified. The Competitor is deemed to be on the ladder when both feet are on the ladder.

Disqualification shall result if hose and branch is not carried in this manner.

3.4 Hose

For all Events except Urban Pumper Events (10m of 70mm), 30m lengths of 70mm and 38mm diameter latex lined hose to be used.

3.5 Coiled Hose

In Events where coiled hose is required, such hose is to be securely strapped and buckled. When tested, these hose straps will support the weight of the hose when lifted by strap. When flaked hose is to be used, such flaked hose must have straps buckled around hose. All hose straps to be pushed back 30cm from coupling. Hose with Storz couplings to be rolled on the bight. (70 mm hose single on the bight & 38 mm hose double on the bight.)

3.6 Standpipe and Branch

- (a) All Standpipes will have the lugs turned up one half turn
Urban Pumper Standpipe to be placed on bracket fitted to rear cab door steps.
All other Events Standpipe and goose neck must lay flat.

- (b) For safety reasons, Competitors carrying the branch in all except Ladder Events must carry it in the hand or underarm. Carrying the branch inside the tunic, in the belt under the tunic, is not permitted and Competitors doing so will be disqualified.

3.7 Hose Running Out

The following is the approved method of running out hose:

Hose with Storz Couplings:

Release strap, retain couplings and roll or bowl hose as desired. Hose must roll away from the competitor in forward motion. Kicking, kneeling will incur disqualification.

4. RUNNING OF EVENTS

4.1 Notification

Notification as to the starting time of the Events will be announced 15 minutes before commencement and all Competitors or Teams must be at the assembly area in readiness at the time notified.

4.2 Assembly Area

An area will be defined and set apart as a place of assembly for Teams competing. All Competitors in an Event will be required to assemble within this enclosure with all equipment needed to complete the evolution (hoses, branches and standpipe) in readiness to take their place at the Start Line Marshalling Area.

4.3 Start Line Marshalling Area

An area will be defined and set apart for the marshalling of competing teams adjacent to the Start Line. At the direction of the Assembly Area Marshall all competitors will proceed to this area and select and prepare all remaining equipment (branches, standpipes, breeching pieces, short length hoses and breathing apparatus) in readiness to stowing the equipment and inspecting the appliance as directed by the Start Line Marshal.

4.4 Inspecting Gear

Two Team Members will be permitted to inspect the Appliance when called to the starting point; equipment will be stowed by the Competitors and checked by the Appliance Marshall. **(Changes to equipment is to be made by Competitors only)** Two Team Members, prior to reaching the starting point, will inspect gear and hose in an area set aside for that purpose. Competitors are not to practice with gear whilst an Event is being run.

4.5 Pump Gear

Pump gear shall be permanently engaged in all Motor Pumping Events. Deliveries must be closed before each Pump Event.

4.6 Collectors

In all Motor Pumping Events, the Collector caps will be in place.

4.7 Starting of Events

(a) Motor Events

For the Motor Events, the Pumper will be in a stationary position with the engine running and pump engaged. (Where necessary). Urban Pump suction event will require pump to be started from rear panel. Brigades will assemble in the Start line, the starter will give the command “Brigade Attention, take your mark”. When ready, the Starter will sound the Starting Signal. Competitors must start on the sounding of the Starting Signal.

(b) Other Events

In all other Events, the order “Attention, take your mark” will be given. Once Competitors are steady, a starting signal will sound to start the Event.

(c) False starts

In the Event of a false start, a whistle or a repetition of the starting signal shall be sounded to stop the evolution.

False Starts/Re-Runs: In the Event of a false start, or equipment/timing malfunction, where motor/equipment has to be restowed (excluding branches and standpipes), then that Team/Competitor shall automatically be placed at the end of the draw for a re-run.

(d) Beam starts

In all Events using beam starts, Competitors must be in front of a line situated 1.5m behind start line, and must start on the sounding of the starting signal.

4.10 Winner

The Team recording the majority of points or fastest time will be the winner; except as otherwise determined by the Officials.

4.11 Ending Evolution

Where practical, the end of the evolution will be signalled by an electric alarm sounding. Upon hearing the alarm or being instructed to so do by an Examiner, all Competitors must cease work.

4.12 Dead-heats

In Events conducted to time recorded.

Teams or Competitors dead-heating for first, second, third, fourth or fifth places will be required to run-off. In the event of a time for a run-off being recorded better than that established in the original run by a Team or Competitor previously placed higher, the placing of that Team or Competitor shall not be affected thereby, nor shall such time of run-off be recognised as a record.

In Events where points are awarded the Event conditions will indicate the winner.

4.13 Assistance After Run

Each Team, after participating in an Event, shall under-run and remove all hose and gear from the track to a position indicated by the Officials, and assist to stow and return to starting point, trays, or coiled hose as current Event requires, They will then assist to under run and remove hoses for two more evolutions then report to the hose winder to prepare hoses for the next Event.

5. OFFICIALS

At each Championship, Officials shall be appointed to conduct and rule on Events.

5.1 Chief Track Marshals

The appointed Chief Track Marshal will scrutinise the running of the Event and be empowered to award re-runs and enforce penalties for breaches of the Rules not observed by the Examiners.

The Chief Track Marshal, RGE Official, Examiners and Marshals nominated for an Event will be the sole Officials for that Event.

No other Department / Association representative or Association member will have jurisdiction in the allocation of penalties / disqualification's, however they may bring to notice of the Safety Officer or CTM any concerns regarding the Safety of competitors / officials or spectators.

5.2 Examiners – Track Marshals

Track Marshals will indicate the hydrants to be used, inspect all appliances, gear and equipment, see that the appliance is properly stowed, that all Competitors are properly clothed according to the conditions laid down and that all connections are properly made and penalise Teams for any breach of the rules. An Examiner shall have the power to stop any evolution.

- (a) If in the opinion of the Ground Director or Examiner, a Competitor is in danger of sustaining an injury during the running of a particular Event; and/or
- (b) After a washout occurs, if in his opinion, excess water is being laid on the Track.
- (c) When a Team/Competitor washes out on a second attempt to complete evolution.

NOTE: Washout is a failure to make coupling on standpipe/hose and water is pouring onto track out of Competitor/s control.

An Examiner may allow Teams to complete evolution in events even if disqualified for rule infringement.

5.3 Track Officials

All Track officials appointed for each Championship / Event will have a defined duty statement as determined by the RGE and Ground Director.

5.4 Safety Officer

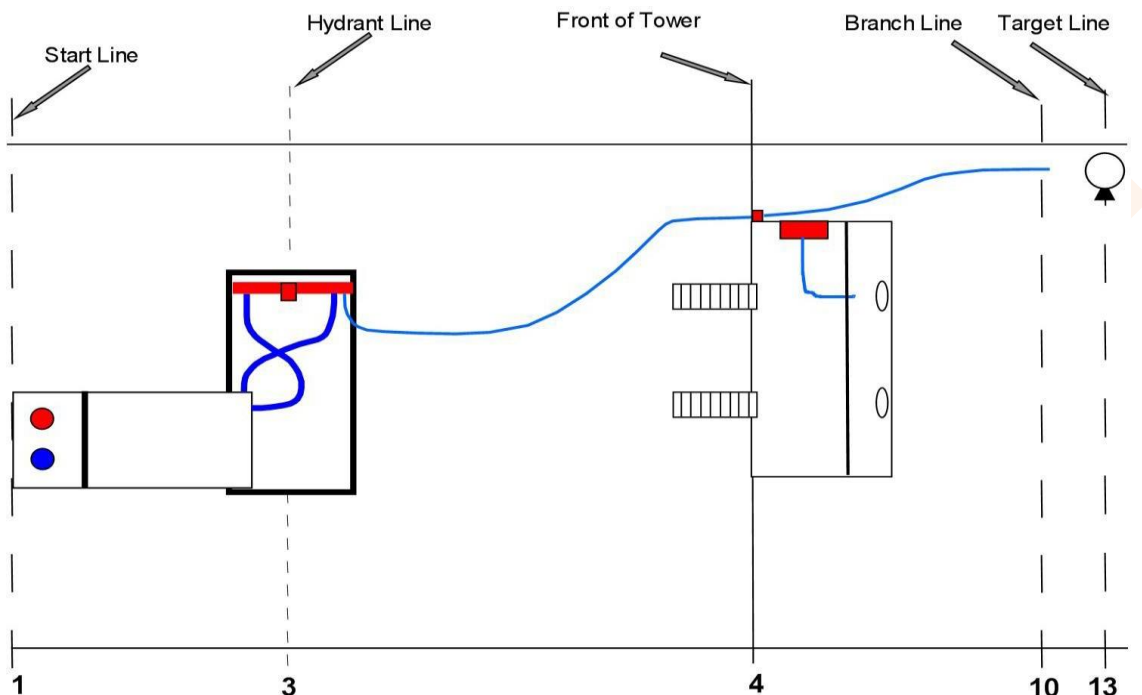
The appointed Safety Officer and Officials will keep the track clear and allow no encroachment by any person other than Members of the Brigades competing in Events. Chief Track Safety Officer will be responsible for the safety of competitors and officials.

5.5 Other Officials

Committees or Individuals appointed to each Championship for Recording, Presentation of Awards etc will have duty statements as approved by the Management Committee.

6. EVENTS

6.1 Booster Valve, Ladder and Attack pack



Objective / Core Competency Skills

To extinguish a fire in a multi storey building using a boosted water system and a 38mm hose from a hose cabinet on first floor. The remote access bag is also employed to extinguish a ground level fire from the boosted system.

Core Skills - Pump Operation, Booster Valve, Attack pack, Hose Handling, Branches, Ladders and working at height.

Equipment

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

The appliance will be stowed with one length of 38mm hose flaked, two 10m lengths of 70mm filler hose rolled on the bight, one Attack pack containing one length of 38mm hose flaked and one branch. All with Storz 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 and the Attack pack in the off-side centre pocket of the appliance. All valves will be in the off position except for booster isolating valve. (This valve is set at start of event to six turns open)

Layout on Track

The 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. All valves will be in the closed position.

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 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.

(Isolating valve on Booster Manifold must be turned off before boosted side delivery valve is opened. Red light must be on before booster delivery valve is opened)

(Collector hose must pass under the delivery hose)

Target one is struck from hose and branch which was stowed in the Attack pack and connected to T piece at base of tower. Target two is to be struck using the hose located at the top of the tower.

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

The ladder competitor is 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 on the manifold at top of tower 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. Climbers to use rungs as hand holds, not rails. (Safer if slip occurs)

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 (5metres).

Penalties

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

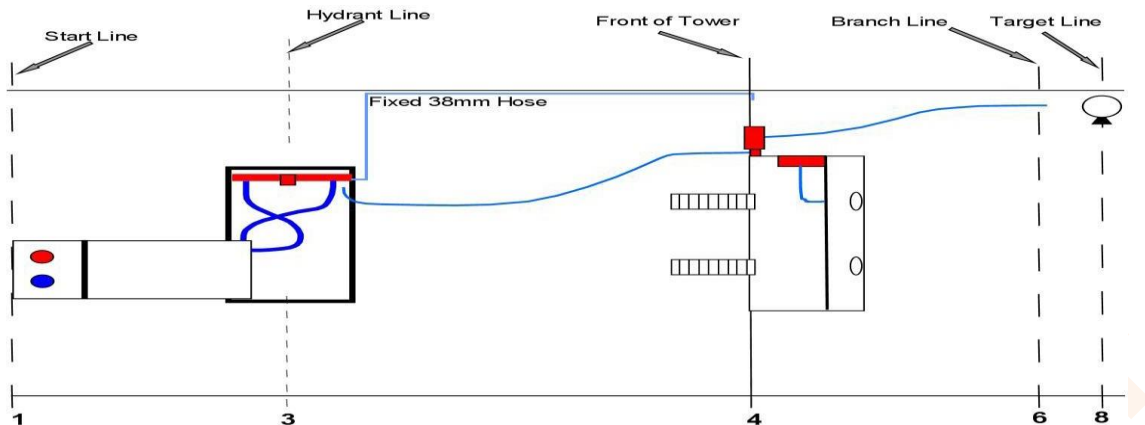
6 – Booster Valve, Ladder and Attack pack		
A)	Failure to turn off isolating valve on booster, before opening booster delivery	10 Seconds
B)	Competitor in charge of the branch failing to have control of branch prior to turning on the valve	10 Seconds
C)	Competitor missing a rung on ladder climb	10 seconds

Disqualifications

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

A)	Failure to clip on at branch line before starting any work on tower & striking target	D.Q.

6.2 Booster Valve, Ladder and Internal Hose Reel



Objective / Core Competency Skills

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

Core Skills - Pump Operation, Booster Valve, Internal Hose Reel, Hose Handling, Branches & Ladders

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 Storz 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 the booster isolating valve. (This valve is set at start of event to six turns open).

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. tall 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 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.

(Isolating valve on Booster Manifold must be turned off before boosted side delivery valve is opened. Red light must be on before booster delivery valve is opened)

(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 at the top of the tower.

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.

The ladder competitor is 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 on the manifold at top of tower 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. Climbers to use rungs as hand holds, not rails. (Safer if slip occurs)

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 (5metres).

Penalties

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

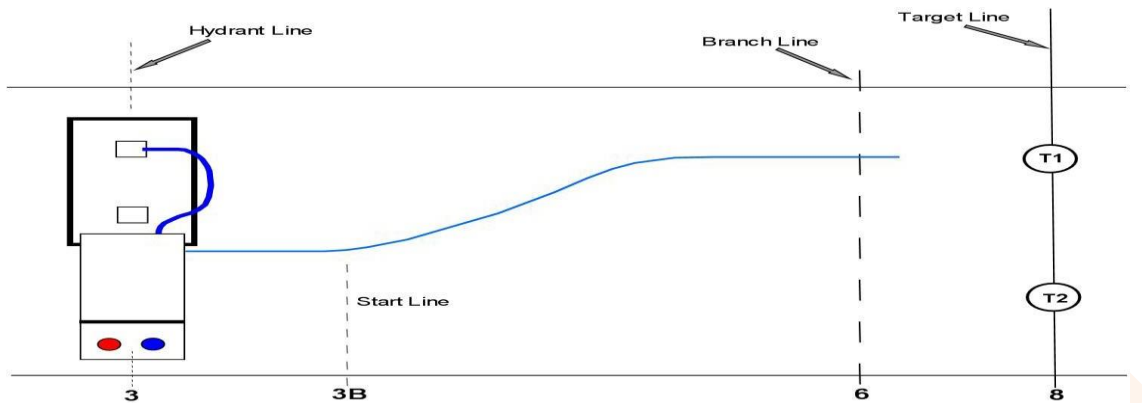
P7 – Booster Valve, Ladder and Internal Hose Reel		
A)	Failure to turn off isolating valve on booster, before opening booster delivery	10 Seconds
B)	Competitor in charge of the branch failing to have control of branch prior to turning on the valve	10 Seconds
C)	Competitor missing a rung on ladder climb	10 Seconds

Disqualifications

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

A)	Failure to clip on at branch line before starting any work on tower & striking target	D.Q.

6.3 Urban Pump BA and Foam



Objective / Core Competency Skills

Two firefighters in breathing apparatus are to extinguish a fire using one length of 38mm hose with hydrant water supplied through the appliance by the other team members. (utilising foam eductor to simulate foam making drill)

Core Skills - Pump Operation, Hydrants, Hose Handling, Branches, Foam Making & SCBA

Competitors are marked and timed on their ability to correctly perform all the above-mentioned tasks.

Equipment

Hoses used – 1 x 70mm (10m Filler Hose) and 1 x 38mm (30m)

Foam injector system and bucket

The appliance will be stowed with one length of 38mm hose flaked, one shut-off branch (with aeration tube attached), one 10m length of 70mm filler hose rolled on the bight, one breeching piece and one standpipe, one 38mm foam eductor and one foam concentrate siphon hose. All with Storz couplings. Appliance will be parked as per sketch above.

2 x SCBA air sets and the BA Control board will also be used.

Stowage

One 38mm flaked hose with branch (230LPM) attached in the near side rear hose tray of the appliance. One 70mm filler hose rolled on the bight will be in nearside rear hose locker. One 38mm foam eductor (set OFF to start) will be stowed in small gear locker with selector in off position and connected to siphon hose.

Standpipe will be on 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. A one into two Breeching piece will be in the nearside rear hose locker. All valves will be in the

off position. Siphon hose to be used. A 20 litre (approx.) container with water will be situated adjacent No, 1 or 2 pump delivery

SCBA air sets will be placed into the brackets on the near side of the pump with the facemask neck straps placed on the hook on the bracket. This will be inspected by a track marshal prior to the start of the event. The BA Control board is also utilised.

Layout on Track

The rear of appliance will be over hydrant 2 and the front facing the sideline at a distance of 27.5 from the branch line. All valves will be in the closed position.

Competitors will start from a line on the near side of the appliance.

Running of Event

1. Functional/Pre-Operational Check on SCBA

A draw will be conducted with team members individually drawing to determine their position in the track part of the evolution. The event commences with the two BA wearers performing a functional or pre operational check of a SCBA. This is assessed individually so team members are not allowed to assist each other in the check and no talking is allowed throughout the check. This section of the event is to be completed prior to the commencement of the event on the track and will be marked by BA trainers.

The teams will be informed on the day if they will need to conduct a functional or pre-operational check and this will be the same for each team on the day.

Note:

Team members are not allowed to assist other team members in the check and no talking is allowed throughout the check

This section is conducted any time prior to the actual running of the track part involving hose and pump operations and will be marked by BA Trainers. Marks will be deducted for incorrect procedure. The penalty will be weighted to allow for the degree of importance of the error.

The marker will then ask each member of the team a question relating to SCBA. Points are deducted for an incorrect answer.

The positions are as Pump Operator, Standpipe – Water in, BA wearer 1, and BA wearer 2

The members drawn as BA wearers will be stamped with “BA” to indicate their position in the track part of the event.

NOTE

Any team that has not completed this by the start of the track part of the event is disqualified.

2. Track Evolution

On the start signal the Pump Operator & Standpipe person must ship standpipe, fit breeching piece, connect 70mm hose to breeching and collector on the appliance. The foam eductor will be attached to No 1 or 2 deliveries. At the completion of the event the educator setting must be set to (3 %).

A 38mm branch line hose will be connected to the eductor to utilise water from the hydrant to “make foam “with 38mm foam eductor (must be set at 3% upon striking target) simulating foam making using food dye colouring (as an option).

Collector hose must pass under the delivery hose.

Both BA tallies must be placed correctly into the BA Control board before the target is struck.

The two BA wearers don their SCBA and run out the 38mm hose to the branch line and strike the number 1 target with one BA wearer on each side of the hose line when the target is struck. The BA wearers must not be further apart than 1 pace when they cross the Pump Operators line and must maintain this until the end of the event. A pace will be judged as 1 metre. BA wearers only to take branch (connected to hose) from pump operator’s line to branch line. The other two team members may assist with branch within pump operator’s area only. Assistance with branch line hose (anywhere on track) permitted during whole event.

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

The team with the lowest time and penalties combined will be declared the winner.

Penalties

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

P9– Urban Pump BA & Foam event		
A)	Facemask strap not overhead prior to donning	1 Second
B)	SCBA not donned “coat style”	1 Second
C)	Harness and air hose lines not positioned correctly	1 Second
D)	DSU tally not placed correctly in BA Control Board	1 Second
E)	SCBA wearers not crossing the Pump Operators line together (1 pace)	1 Second
F)	SCBA wearers not keeping within 1 pace of each other after crossing the Pump Operators line until they strike the target	1 Second
G)	SCBA wearers running	4 Seconds
H)	Failing to complete the Pre-Operational check component before the BA event commences on the track	10 Seconds
I)	Competitors must be in a stable upright position one on either side of the branch and in control of the hose before hitting the target with water	10 Seconds
J)	BA wearers only to be in control of branch beyond pump operator’s 5 m penalty line	10 Seconds
K)	Use water from First Aid tank	10 Seconds
L)	Incorrect pump pressure on foam making line. Must use throttle. CHECKED by Motor Examiner	5 Seconds
M)	Incorrect eductor setting (3). CHECKED by Motor Examiner This is pre-set to OFF. Penalty will apply if not adjusted to (3) by competitor	10 Seconds
N)	Incorrect branch setting (230 LPM). CHECKED by Branch line examiner This is pre-set and penalty will apply if adjusted by competitor.	5 Seconds

Disqualifications

Refer to General Disqualifications.



Check Sheet

Team	Stn No.	Station	SCBA
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Pre – operational check Teams to draw for all track positions

Task	Penalty	Allocated
Straps and harness fully extended and correct	1	
Facemask and head harness checked	1	
Ori nasal, inhalation and exhalation valves correct	1	
Demand valve in park mode	1	
Cylinder on full – back ½ turn	1	
Cylinder contents at 240 Bar minimum	1	
Listen for audible defects	1	
Close main wheel valve	1	
Wait 30 seconds for acceptable pressure drop	1	
Depressurise SCBA – check warning whistle by watching pressure gauge	1	
Check DSU (remove key and listen)	1	
QUESTION Don gloves, then		
Disconnect demand valve from facemask	1	
Rinse facemask in clean water and agitate	1	
Spray with BA Disinfectant	1	
Leave for 10 minutes	1	
Rinse facemask in clean water	1	
Dry facemask	1	
Reconnect and retest apparatus	1	
Total		

Tear here

Team	Stn No.	Station	SCBA
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Penalty total from 1st section	
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Facemask strap not over head prior to donning	1	
SCBA not donned coat style	1	
Harness and hose lines not positioned correctly	1	
DSU tally not placed in BA Control Board	1	
SCBA wearers running	4	
Total		

Number	Rank	Name	Station	Signature

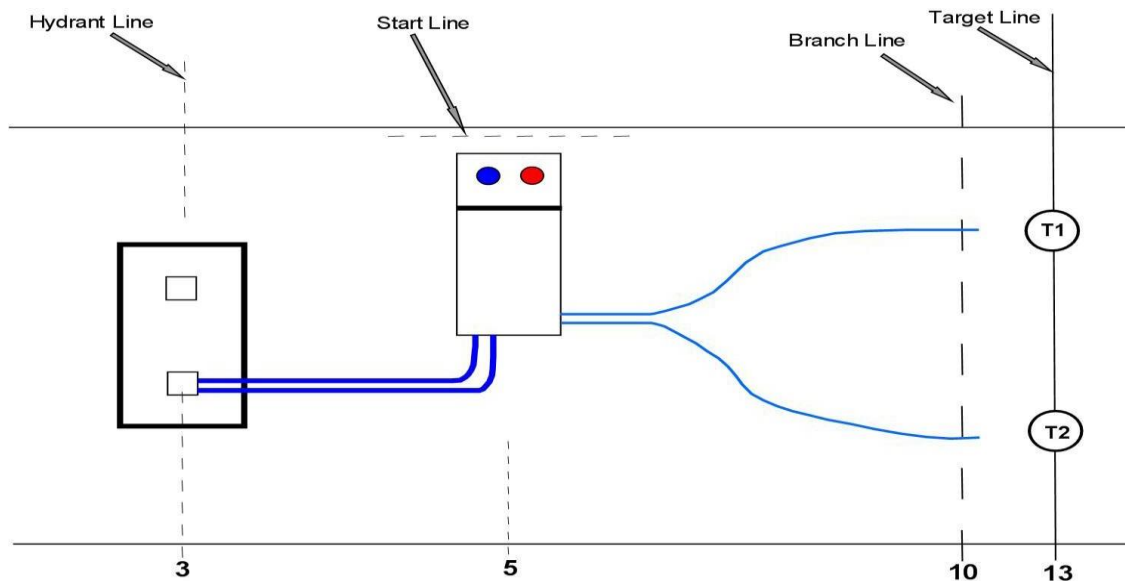
Assessor's Details

Allocated positions

As per draw at pre op

Motor Driver	Standpipe	SCBA	SCBA

6.4 Urban Pump and Breeching



Objective / Core Competency Skills

To extinguish a fire using two lengths of 38mm hose and hydrant water through the appliance. The first 38mm hose will utilise tank water from the appliance and the second 38mm hose will utilise water from the hydrant.

Core Skills - Pump Operation, Hydrants, Breeching Piece, Hose Handling & Branches

Equipment

Hoses used – 2 x 70mm (30m) (1 x flaked & 1 x rolled on bight) & 2 x 38mm Flaked Hose (30m)

The appliance will be stowed with two lengths of 38mm hose flaked, two shut-off branches, one 70mm hose flaked, one 70mm hose rolled on the bight, one breeching piece and one standpipe. All with Storz couplings

Stowage

Two 38mm flaked hose with branches attached one above the other in the off-side rear hose tray of the appliance. One 70mm flaked hose in nearside rear hose tray and one 70mm hose rolled on the bight in the nearside rear hose locker.

Standpipe will be on 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. A one into two Breeching piece will be in the nearside rear hose locker. All valves will be in the off position.

Layout on Track

The appliance will be parked at right angles away from the track a distance of 22.5m from the hydrant line in lane 1. All valves will be in the closed position.

The branch line will be 27.5m from the pump and the targets a further 7.5m past that.

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

Running of Event

On the start signal Competitors must ship standpipe, fit breeching piece, connect 70mm hoses to breeching and collector on appliance.
(Collector hose must pass under the delivery hose)

The first 38mm hose is to be connected to any of the four deliveries then run out to target 1 where the competitor will strike the disk using tank water from the appliance.

The tank to pump valve must be closed after the first target is struck and prior to the pump being pressurised by the hydrant water and prior to the second 38mm delivery being opened.

The second 38mm hose is to be connected to any of the four deliveries then run out to target 2 where the competitor will strike the disk using tank water from the hydrant.

Time will be taken as a cumulative figure for target 1 and 2.

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

Penalties

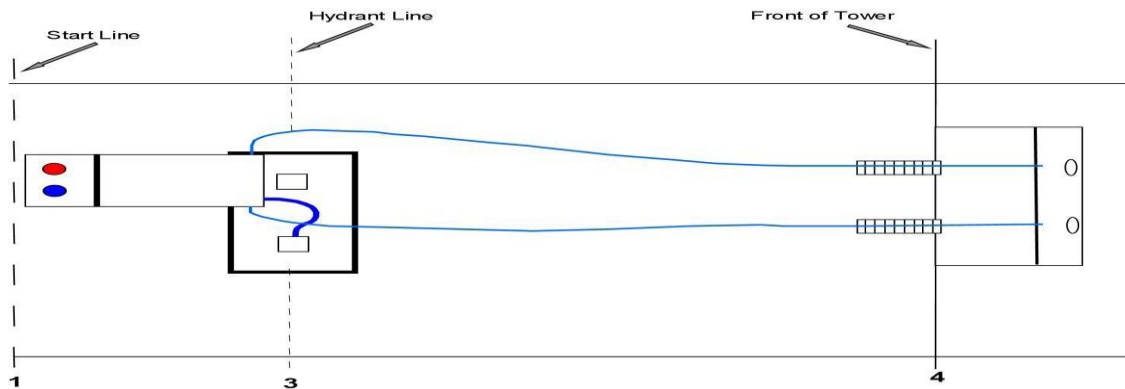
Refer to General Penalties plus any listed below that are specific to this event.

P11 – Urban Pump & Breeching		
A)	Failure to close tank to pump valve before pump is pressurised from hydrant water	10 Seconds
B)	Opening second delivery before tank to pump valve is closed (After first target has been struck)	10 Seconds

Disqualifications

Refer to General Disqualifications.

6.5 Urban Pump Collector and Ladder



Objective / Core Competency Skills

To extinguish a fire on a rooftop using two lengths of 38mm hose and hydrant water through the appliance.

Core Skills - Pump Operation, Hydrants, Breaching Piece, Ladders, Hose Handling & Branches

Equipment

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

The appliance will be stowed with two lengths of 38mm hose flaked, two shut-off branches, one 10m length of 70mm filler hose rolled on the bight, one breaching piece and one standpipe. All with Storz couplings

Stowage

Two 38mm flaked hose with branches attached one in each side rear hose trays of the appliance. One 70mm filler hose rolled on the bight will be in nearside rear hose locker.

Standpipe will be on 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. A one into two Breaching piece will be in the nearside rear hose locker. All valves will be in the off position.

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 valves will be in the closed position.

A platform 4 m. tall 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 ship standpipe, fit breeching piece, connect 70mm hose to breeching and collector on appliance.
(Collector hose must pass under the delivery hose)

The two 38mm hoses are to be connected to any of the four deliveries. The Competitors 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 disc which will be attached to the platform.

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". 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. Climbers to use rungs as hand holds, not rails. (Safer if slip occurs)

At the striking of the disc, the Competitor must be in a stable position on the platform and clear of the ladder.

Time will be taken upon striking the second disc.

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

Penalties

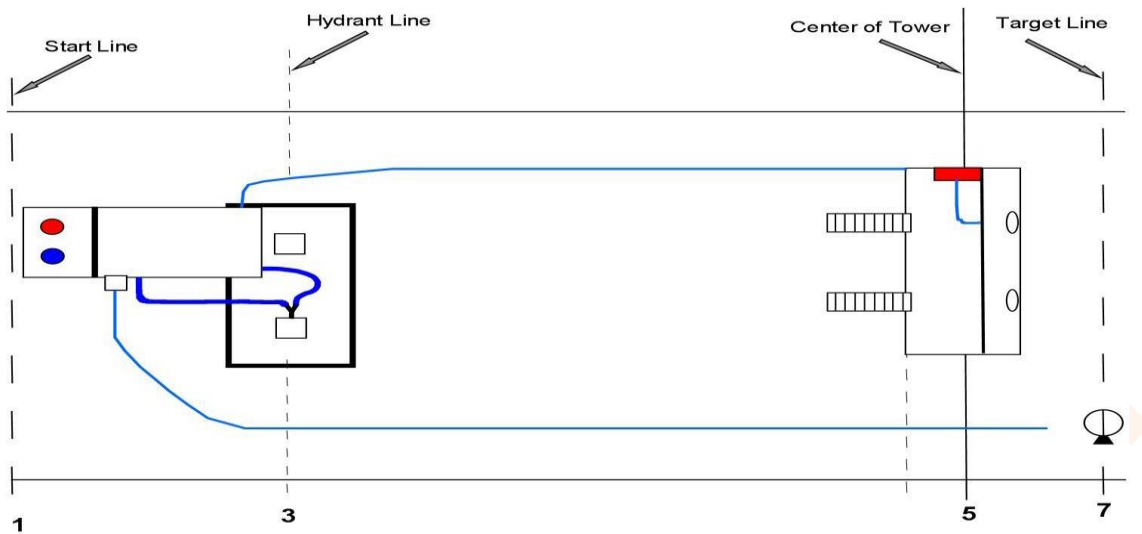
Refer to General Penalties.

Disqualifications

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

D4 – Urban Pump Collector & Ladder – Disqualifications		
A)	Pump operator opening either delivery before each branch operator clipped on and signal given by raising hand.	D.Q.
B)	Branch or hose being allowed to fall from ladder or platform to ground	D.Q.
C)	Failure to wear safety harness	D.Q.
D)	Failure to carry hose aloft with branch attached in the approved method.	D.Q.
E)	Branch to be on the Competitor's back with hose across the body	D.Q.
F)	Pump safety switch operator stops the Electric pump for safety reasons	D.Q.

6.6 Urban Pump Disabled & Davey Pump



Objective / Core Competency Skills

To extinguish a fire in a multi-storey building utilising hydrant water through the pump and a 38mm hose from a hose cabinet on first floor.

The pump becomes disabled before the fire is extinguished so the onboard Davey pump is then utilized to complete the task, using water from the appliance first aid tank.

Core Skills - Pump Operation, Hydrants, Breaching Piece, Ladders, Davey Pump, Hose Handling & Branches

Equipment

**Hoses used - 2 x 70mm (10m Filler Hose) and
2 x 38mm (30m) (1 x Flaked & 1 x Double rolled on bight)**

The appliance will be stowed with two 10m lengths of 70mm filler hose double rolled on the bight, two 30m lengths of 38mm hose (one double rolled on the bight, the other flaked), one breaching piece, one Branch and one standpipe. All with Storz couplings

Stowage

Two 70mm filler hose rolled on the bight will be in the nearside rear hose locker. One 38mm flaked hose in the off-side side rear hose tray. One 38mm rolled hose in the nearside rear hose locker.

Standpipe will be on 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. A one into two Breaching piece will be in the nearside rear hose locker. All valves will be in the off position.

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 valves will be in the closed position.

A platform 4 m. tall 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

The rolled 38mm hose and one of the 70mm hoses cannot be touched until the first evolution of the event is completed.

1st Evolution

On the start signal Competitors must ship standpipe, fit breeching piece, connect 1 x 70mm hose to breeching and collector on the appliance.
(Collector hose must pass under the delivery hose)

The one 38mm flaked hose is to be connected to any of the four deliveries then the other end is to be run out and connected to the valve at the base of the tower then turn valve on.

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.

The ladder competitor is 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 (in manifold at top of tower) is turned on and opening the branch. At the striking of the disc they must be in a stable position on the platform and clipped on.

Climbers to use rungs as hand holds, not rails. (Safer if slip occurs)

At the striking of the disc an alarm will sound and the pump operator must call out "Pump Disabled" then Engine throttle, Pump collector valve and delivery valve must be turned off.

2nd Evolution

Connect 1 x 70mm hose to breeching and tank filler on the appliance (Not Charged)

The rolled 38mm hose can now be deployed to the No2 target from Davey pump delivery. This hose, for safety reasons is to be run out from Davey pump around standpipe (not between standpipe and pumper) to the branch line.

Any of the four team members may start and operate the Davey pump, for this second part of the evolution

Time will be taken upon striking the second disc.

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

Penalties

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

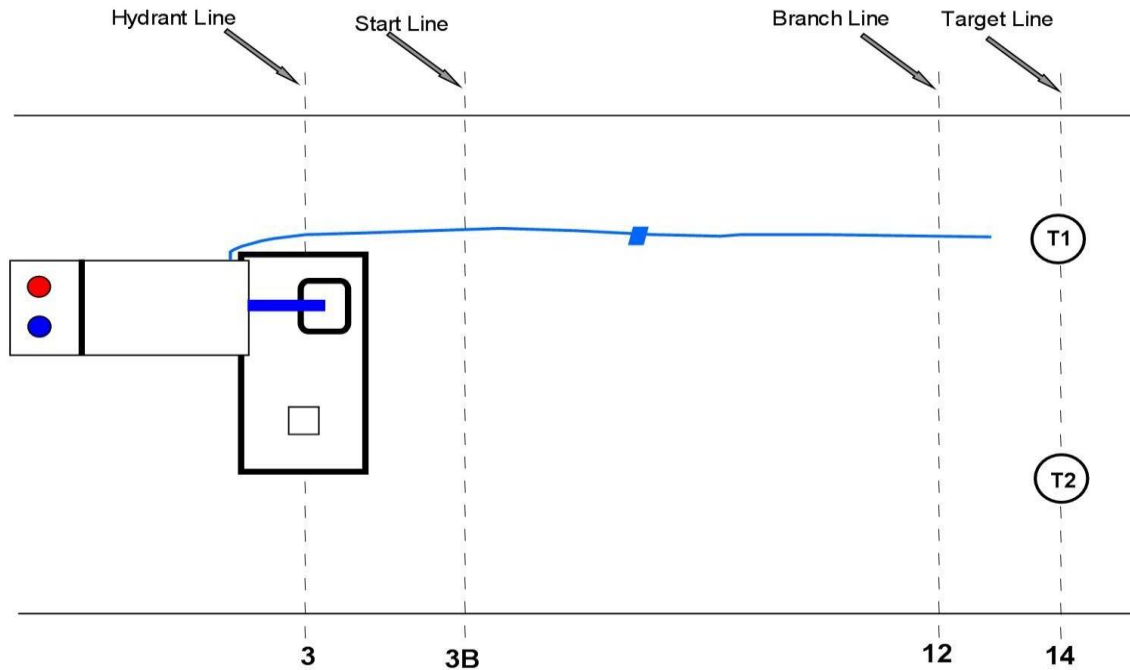
P5 – Urban Pump Disabled & Davey Pump		
A)	If the second 70mm hose, Davey pump &/or the 38mm rolled hose are touched before the first evolution is complete	10 Seconds
B)	If the motor driver does not say “Pump Disabled”	2 Seconds
C)	If the Engine throttle, Pump collector valve and delivery valve are not turned off after the first evolution	5 Seconds each
D)	If the rolled hose from Davey Pump delivery is not deployed around the outside of the standpipe	10 Seconds
E)	Failure to complete connecting second filler hose before target two is struck	10 Seconds

Disqualifications

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

A)	Failure to clip on at branch line before starting any work on tower & striking target	D.Q.
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6.7 Urban Pump Suction



Objective / Core Competency Skills

To extinguish a fire using two lengths of 38mm hose and water through the appliance from a static water supply such a dam or pool.

Core Skills - Pump Operation, Static Water Supplies, Hose Handling & Branches

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 Storz couplings

Stowage

One 38mm flaked hose will be stowed in the off-side rear hose tray of the appliance. One 38mm hose double rolled on the bight will be stowed in the nearside rear hose locker along with a shut off branch (not attached). Suction hose will be in the standard pocket at the top near-side rear of the appliance

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. 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 hydrant line. 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.

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

Safety

Pump throttle is not to be activated until after the suction hose is connected, and the engine has been started. The pump operator must not activate or lean over towards the throttle from the driver's side at the rear of the pump until after the suction has been removed from its stowage position and connected to the pump.

Penalties

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

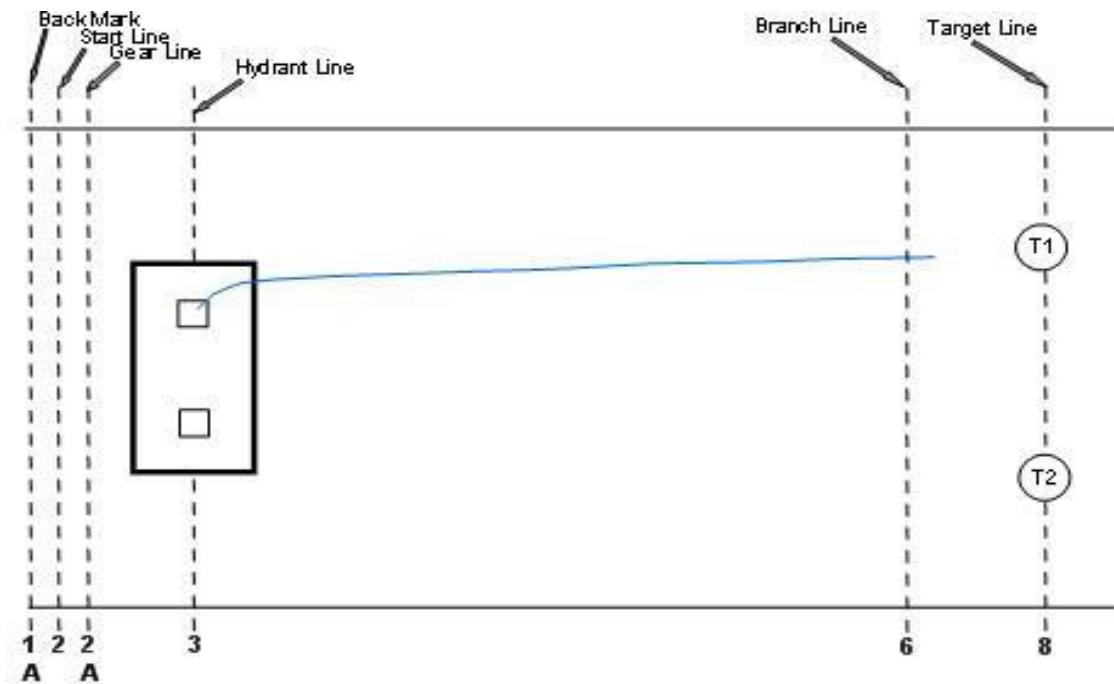
P15 – Urban Pump Suction		
A)	Starting the pump before the suction hose is connected	10 Seconds
B)	Opening tank to pump valve	10 Seconds

Disqualifications

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

D15 – Urban Pump Suction		
A)	Activating throttle before engine is running	DQ

6.8 Hose and Hydrant - 2 Competitor



Objective / Core Competency Skills

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.

Core Skills - Hydrants, Hose Handling & Branches

Equipment

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

One length of 38mm hose double rolled 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.

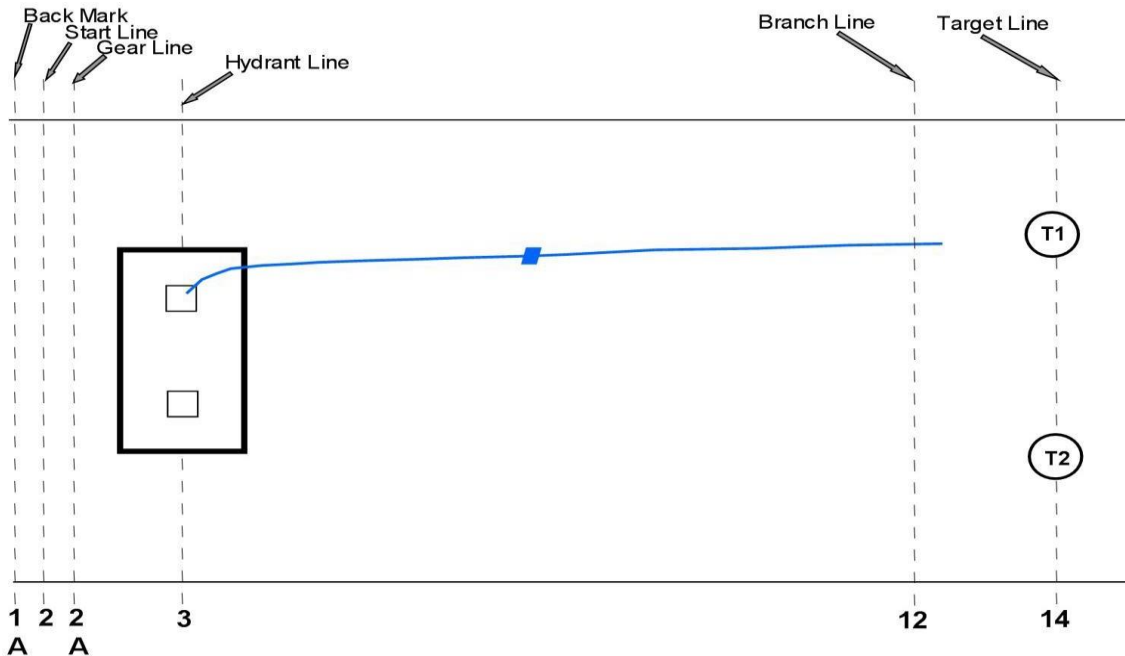
Penalties

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

Disqualifications

Refer to General Disqualifications.

6.9 Hose and Hydrant - 4 Competitor



Objective / Core Competency Skills

A team of 4 firefighters use this event to simulate an attack on a fire using 2 lengths of hose and water directly from a hydrant.

Core Skills - Hydrants, Hose Handling & Branches

Equipment

Hoses used – 2 x 38mm (30m) (Double rolled on the bight)

Two lengths of 38mm hose double rolled 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 67.5m 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 2 lengths of 38mm hose, attach the branch then strike the target.

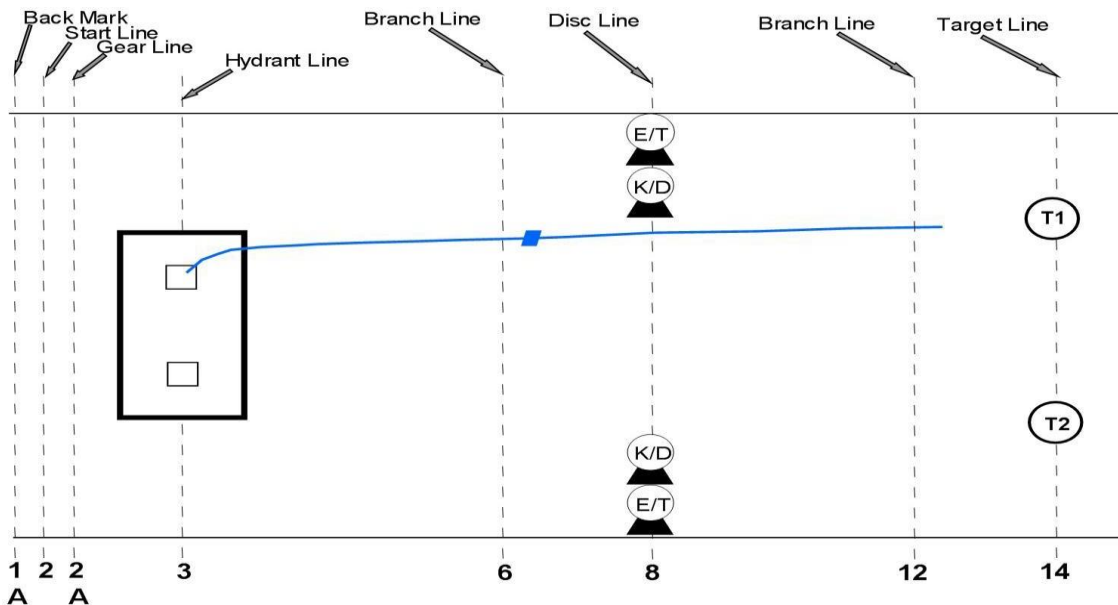
Penalties

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

Disqualifications

Refer to General Disqualifications.

6.10 Hose Hydrant and Extinguisher - 3 Competitors



Objective / Core Competency Skills

This event is used to simulate an initial attack on a fire using a water extinguisher. After that one 38mm hose line is used with water from a hydrant, which then needs to be lengthened to two lengths to go deeper into the fire.

Core Skills - Hydrants, Extinguishers, Hose Handling & Branches

Equipment

Hoses used – 2 x 38mm (30m) (Double rolled on the bight)

Two lengths of 38mm hose double rolled on the bight, one shut-off branch, one standpipe and one water extinguisher. 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 27.5m from the first branch line for the extinguisher target as well as the knock down target for the first hose line. The branch line for the second length of hose will be 50m from the hydrant line.

Running of Event

Each team will consist of 3 members and they will draw for their respective positions on the start line. (S – Standpipe, H – Hose, E – Extinguisher) Each competitor must complete the first stage of the evolution as per the position that they drew. Once this stage has been completed competitors may move from their drawn positions.

The second length of hose cannot be moved until at least one competitor has completed their first stage of the evolution.

On the start signal the Standpipe person shall take the standpipe only to the hydrant, ship, connect hose and turn the water on.

On the start signal the Hose person shall take one hose & branch only to the first branch line and strike target number 2 (knock down target).

On the start signal the extinguisher person shall take the extinguisher only and strike target number 1 which will be situated at the first branch line.

After the target number 2 has been struck the water must be controlled at the hydrant while removing the branch and connecting the second line of 38mm hose which will then be used to strike target number 3 at the end of the track

Time will be taken as a cumulative figure for target 1 and 3.

Penalties

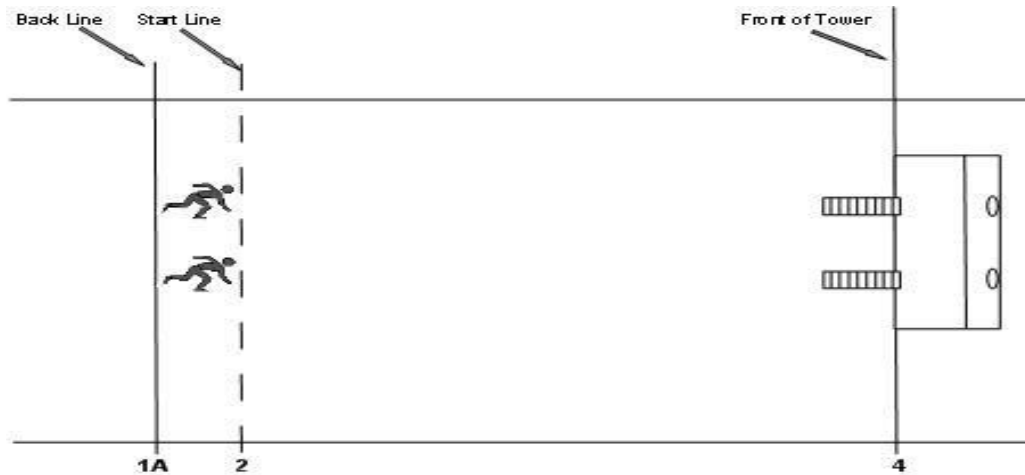
Refer to General Penalties plus any listed below that are specific to this event.

P12 – Hose, Hydrant & Extinguisher		
A)	Extinguisher not placed in the upright position after striking the target	5 Seconds
B)	Moving second length of hose before at least one competitor has completed their first stage of the evolution	10 Seconds

Disqualifications

Refer to General Disqualifications.

6.11 Ladder Practice – 1 Competitor



Objective / Core Competency Skills

This event hones the skills of the firefighter in quickly ascending a ladder to gain access to an upper level of a building.

Core Skills - Ladders

Equipment

Hoses used – No hose used for this event

There is no equipment for this event other than that which is set up on the track. Brigade work trousers are to be worn but other than that competitors may wear a singlet, team T-shirt, shirt etc and they can also wear boots or shoes. (No specification on colour)

Stowage

Not Applicable

Layout on Track

A platform 4 m. tall with two ladders attached will be 22.5m from the start line.

The ladders will be placed with their foot 1.8m from the vertical line from the edge of the platform. Rungs of the ladder will be spaced at 27.9cm centres. Electric timing bars will be fixed 1.8m from the edge of the platform.

Running of Event

Entries limited to two from each brigade which must be nominated on the correct form prior to the event being run. This event will be run in pairs.

On the start signal the competitor is to run 22.5m to the ladder and ascend to the platform where they must get off the ladder move across the platform and press the electric timing bar at the back of the platform. The competitor is to maintain three points of contact, using each ladder rung (after prescribed first rung) during ascent. When the timing bar is pressed the competitor must be in a stable position on the platform and clear of the ladder.

Penalties

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

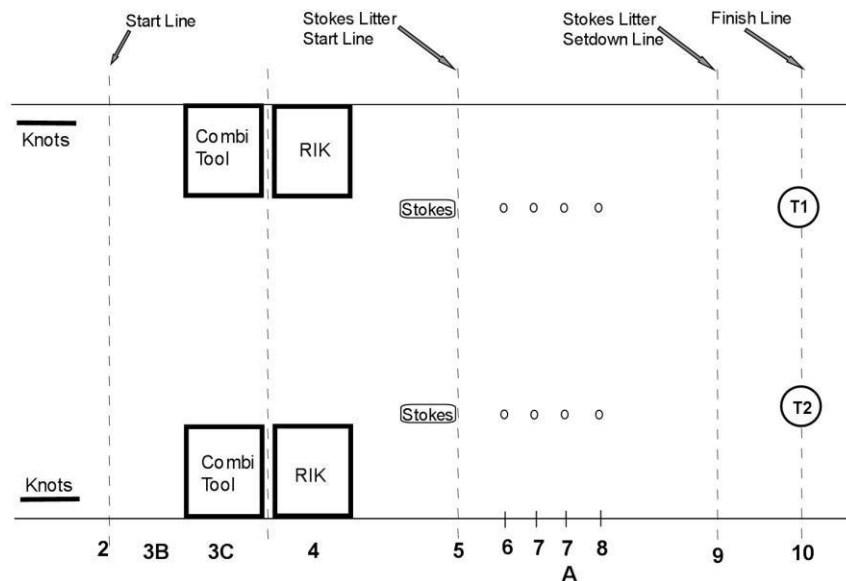
A)	When the timing bar is pressed the competitor must be in an upright and stable position on the platform and clear of the ladder	10 Seconds
B)	Competitor missing a rung on ladder climb	10 Seconds

Disqualifications

Refer to General Disqualifications.

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6.12 Rescue Event



Objective / Core Competency Skills

To assess various rescue skills of the four firefighters in the team.

Core Skills – Rescue Skills (Knots, Combi Tool, RIK, Power Hydraulic Pump, Hand Hydraulic Pump, Stokes Litter)

Equipment

Hoses used – No hose used for this event

There is no equipment for this event other than that which is set up on the track.

Full brigade PPE is required for this event (Boots, Helmets, Gloves, Eye protection)

All PPE to be worn for entire event.

Stowage

Not Applicable

Layout on Track

The track is set up with 4 areas with the different rescue operations to be completed:

- Knot Bar (4 different knots)
- Combi Tool (combi tool & power hydraulic pump to cut steel bar)

- RIK (Door opener & hand pump to open door)
- Stokes Litter (Carry stokes litter through slalom course & place on mark)
- Then run to finish line to stop time

Running of Event

1. Pre-Operational Check

This is assessed individually so team members are not allowed to assist each other in the check and no talking is allowed throughout the check. This section of the event is to be completed prior to the commencement of the event on the track and will be marked by Rescue trainers.

This part of the event comprises of the rescue trainers asking each of the competitors a series of questions relating to different items of rescue equipment.

The competitors will then have to point out, give verbal answer, demonstrate their responses to the questions.

Marks will be allocated for each incorrect procedure & or answer. The penalty will be weighted to allow for the degree of importance of the error.

2. Knot Bar

As teams assemble for the track evolution, the knot component of this event will be performed and judged with a reasonable time allowed for completion.

3. Track Evolution Safety

During the on-track evolution, judges will call “safety stop” whenever a competitor is working in an unsafe manner, such as helmet visor not in correct position, not operating RIK pump using hand-grip, incorrectly handling RIK tool, running in slalom or other “at risk” activities that may be observed.

On start signal all four competitors will start on track part of the evolution.

1. Combi Tool

Two members of the team will proceed to the Combi tool section, entering the area through witch’s hats.

One member will operate the hydraulic pump and other member will operate the Combi tool.

Pump operator will start pump and on command from tool operator of “power on” or “power off”, open or close the hydraulic valve from the pump to tool hydraulics. On command of power off, the pump operator will close hydraulic valve, then stop pump engine using stop button on pump motor.

The second member of the Combi tool crew will also enter the area through witch’s hats and take hold of the Combi tool. Once competitor has control of tool “power on” command is given.

The tool operator will proceed to fully open jaws, then in the closing mode, cut marked section of flat steel bar held in vice provided. The tool operator will then close jaws so daylight may be seen through gap but not greater than thickness of offcut piece of steel. The tool will then be placed in the designated position on the ground.

2. RIK

On start signal, the other two members will enter the RIK section through the witch's hats.

One member will operate hydraulic hand pump and the other the RIK tool. The pump operator will open air vent on pump body, close wheel valve on delivery end of pump & unclip handle and on command of "power on", operate pump handle using hand grip on pump lever only. On command from RIK operator of "power off", the wheel valve is closed, the pump handle is re-clipped and when RIK tool is docked, the air valve is closed.

The RIK operator will pick up tool and using mallet provided, insert tool toe in door and give command "power on". When sounder is heard, (door open) operator gives command "power off" then docks tool and places in designated area marked.

1. Stokes Litter

As each pair of competitors complete the tasks at the RIK and Combi all four will proceed to the stokes litter. Once all 4 members of the team are at the stokes litter, they will lift the stokes, proceed through the slalom course, then place down on the mark whereupon one member will proceed to the finish line and strike the bar to stop their time.

The team with the lowest time from event runs and penalties from pre-op and knot bar combined will be declared the winner.

Penalties

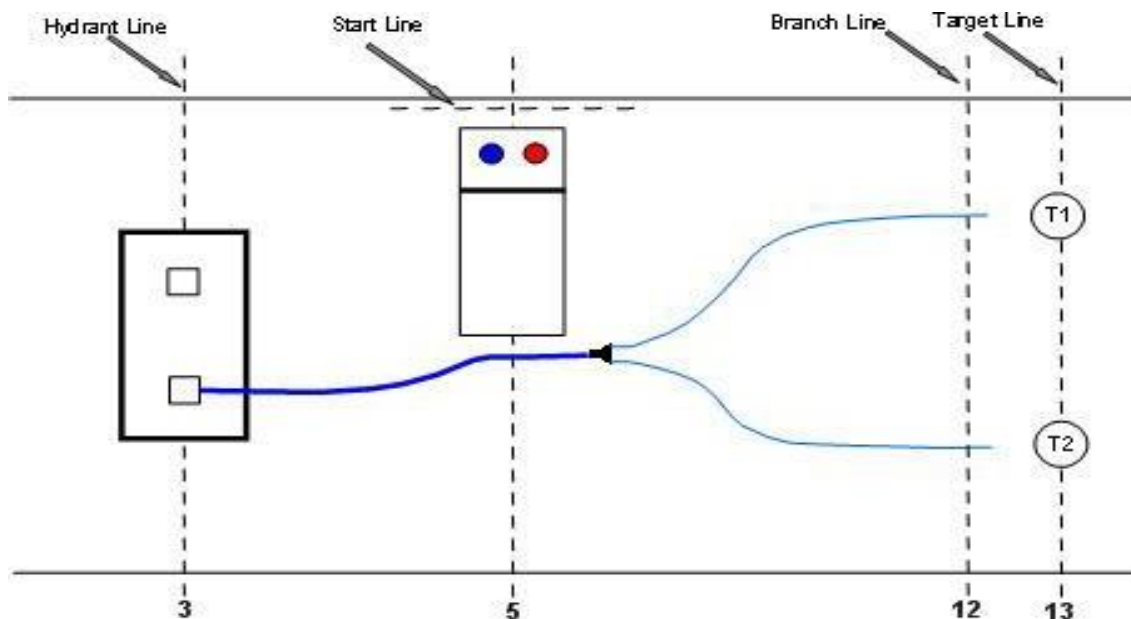
Refer to General Penalties plus any listed below that are specific to this event.

P10 – Rescue Event		
	<i>Cordage Section</i>	
A)	Life knots tied incorrectly	10 Seconds
B)	Life knots packed incorrectly	5 Seconds
C)	General knots tied incorrectly	5 Seconds
D)	General knots packed incorrectly	5 Seconds
	<i>Combi Tool Section</i>	
E)	Not entering & exiting the work area through the witches hats	2 Seconds
F)	Combi Tool operator not giving the correct commands (Power On, Power Off.) (Operator not in control of tool when giving command for power on)	2 Seconds per command
G)	Not fully opening the Combi jaws prior to cutting	10 Seconds
H)	Not returning the combi tool jaws to the park position (the gap being daylight through jaws & not more than thickness of off cut piece of steel)	10 Seconds
I)	Not turning off the hydraulic valve before stopping the pump	5 Seconds
J)	Not returning equipment to designated area	2 Seconds
	<i>RIK Section</i>	
K)	Not entering & exiting the work area through the witches hats	2 Seconds
L)	Not opening the wheel valve &/or close the hydraulic valve before operating the pump	2 Seconds
M)	Not using hammer to insert door opener	2 Seconds
N)	Not operating pump using hand-grip on pump handle.	10 Seconds
O)	Door Opener operator not giving the correct commands (Power On, Power Off.) (Operator not in control of tool when giving command for power on)	2 Seconds per command
P)	Not opening the door until the buzzer sounds	2 Seconds
Q)	Not opening the hydraulic valve, &/or closing the air valve &/or locking the handle down when stowing the pump after use	2 Seconds
R)	Not returning equipment to designated area	2 Seconds
S)	Door opener not returned to park position correctly	10 seconds
	<i>Stokes Litter Section</i>	
T)	Not entering & exiting the work area through the witch's hats	2 Seconds
U)	Any competitor straddling the stokes litter	5 Seconds
V)	Not giving the correct commands (Prepare to lift – Lift)	2 Seconds
W)	Knocking over any of the posts	2 Seconds
X)	Not giving the correct commands (Stop – Prepare to lower – Lower)	2 Seconds
Y)	Not placing the stokes litter in the designated area	10 Seconds
Z)	Running while carrying Stokes Litter	10 Seconds
A1)	Not wearing PPE for entire event.	10 Seconds

Disqualifications

Refer to General Disqualifications.

6.13 Hose, Hydrant and Breeching



Objective / Core Competency Skills

A team of 4 firefighters use this event to simulate an attack on a fire using water directly from a hydrant. The water is run via a 70mm hose to a breeching piece then 2 separate lengths of 38mm hose from the breeching piece so firefighters can attack the fire on 2 fronts.

Core Skills - Hydrants, Breeching, Hose Handling & Branches

Equipment

Hoses used – 1 x 70mm Flaked Hose (30m) & 2 x 38mm Flaked Hose (30m)

The appliance will be stowed with two lengths of 38mm hose flaked, two shut-off branches, one 70mm hose flaked, one breeching piece and one standpipe. All with Storz couplings

Stowage

Two 38mm flaked hose with branches attached one above the other in the off-side rear hose tray of the appliance. One 70mm flaked hose in nearside rear hose tray.

Standpipe will be on 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. A one into two Breeching pieces (with 2x38 mm reducers attached) will be in the nearside rear hose locker. All valves will be in the off position.

Layout on Track

Appliance will be parked at right angles away from the track a distance of 22.5m from the hydrant line in lane 1. All valves will be in the closed position.

The branch line will be 27.5m from the pump and the targets a further 7.5m past that.

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

Running of Event

On the start signal Competitors must ship standpipe, connect 70mm hose and run out to breaching in middle of track.

The two 38mm hoses are to be connected to the breaching piece in the middle of the track and run out to strike targets 1 and 2

Time will be taken as a cumulative figure for target 1 and 2.

Penalties

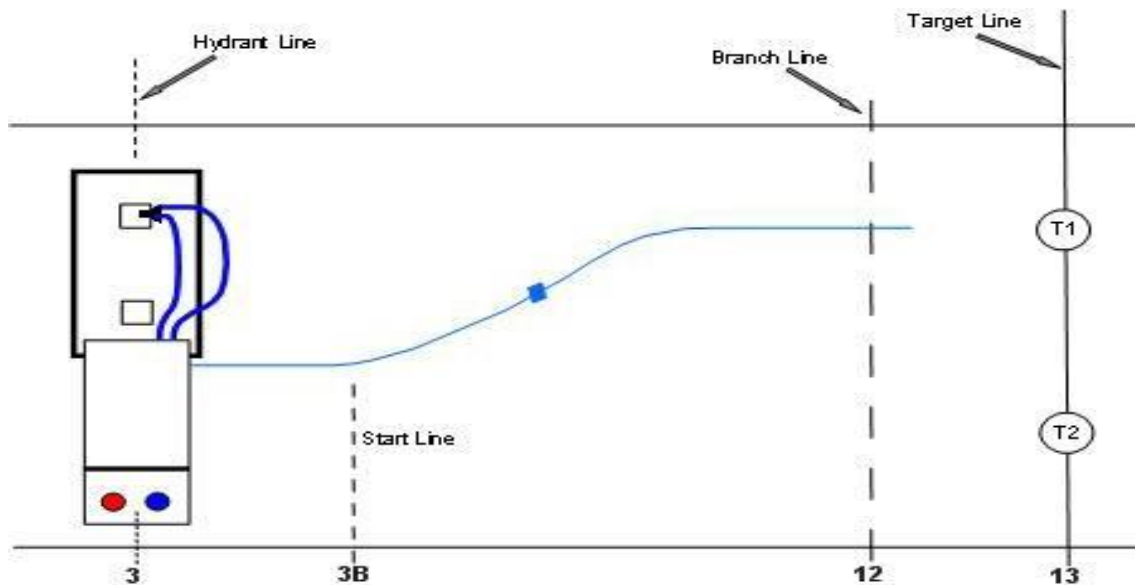
Refer to General Penalties plus any listed below that are specific to this event.

P16 – Hose, Hydrant & Breaching		
A)	A competitor carrying both branches further than the Motor Drivers line (5 metres) towards branch line.	10 Seconds

Disqualifications

Refer to General Disqualifications.

6.14 Urban Pump Collector



Objective

A team of 4 firefighters are to extinguish a fire using one length of 38mm hose with hydrant water supplied through the appliance by the other team members.

Core Skills – Hydrant, standpipe, breaching, collector & pump operation, hose handling & branch work.

Equipment

Hoses used – 2 x 70mm (10m Filler Hoses) and 2 x 38mm double rolled (30m)

The appliance will be stowed with two lengths of 38mm hose double rolled on the bight, one shut-off branch, two 10m length of 70mm filler hose flaked, one breaching piece and one standpipe. All with Storz couplings

Stowage

Two 38mm double rolled hoses in the near side rear hose pocket of the appliance on either or both of the top shelves. One shutoff branch will be located in the near side rear hose pocket on the left-hand bottom shelf with the breaching piece on the right-hand bottom shelf

Two 70mm x 10m filler hoses will be flaked in either side rear hose tray and joined in the middle.

Standpipe will be on 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.

All valves will be in the off position.

Layout on Track

The rear of appliance will be over hydrant 2 and the front facing the sideline at a distance of 27.5 from the branch line. All valves will be in the closed position.

Competitors will start from a line on the near side of the appliance.

Running of Event

On the start signal the competitors will ship the standpipe, fit breeching piece, and connect the two 70mm hoses to the breeching and collector on the appliance. The two 38mm hoses are to be joined together, connected to any of the four deliveries and run out to the branch line where the branch is to be attached and the target struck.

(Collector hose must pass under the delivery hose)

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

Penalties

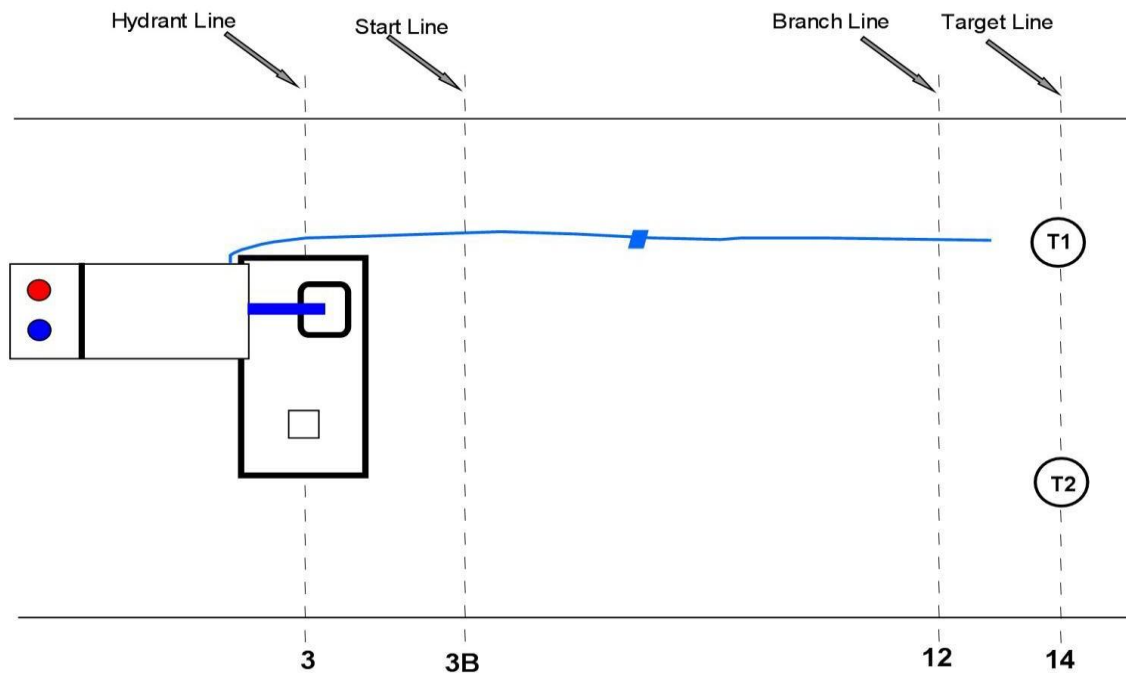
Refer to General Penalties plus any listed below that are specific to this event.

P18– Urban Pump Collector		
A)	Opening tank to pump valve	10 Seconds
B)	Collector hoses must be fully charged	10 Seconds

Disqualifications

Refer to General Disqualifications.

6.15 Veteran Suction – State Only



Objective / Core Competency Skills

To extinguish a fire using two lengths of 38mm hose and water through the appliance from a static water supply such a dam or pool.

Core Skills - Pump Operation, Static Water Supplies, Hose Handling & Branches

Equipment

Hoses used – 2 x 38mm Flaked Hose (30m)

The appliance will be stowed with two 38mm hose flaked, two shut off branches and one length of suction hose.
All with storz couplings

Stowage

Two 38mm flaked hoses will be stowed in the centre hose tray of the appliance and be joined in the middle. The hose closest to the front of the appliance will have a branch attached while the other branch will be located outside the pocket in the holder beside the pump.

The suction hose with strainer attached will be on the near side of the appliance

Layout on Track

Appliance will be parked with the rear of appliance over hydrant 1 facing at right angles away from the track in lane 1. All valves will be in the closed position.

The start line will be in front of the appliance and the branch line will be 27.5m from the hydrant line. The targets will be a further 7.5m past the branch line.

Running of Event

On the start signal competitors will remove the collector and attach the suction hose. Once the suction hose is connected operate the priming level until the pump is primed then operate the revs as required. The two flaked length of hoses are to be connected to the deliveries and run out to the branch line to strike the targets.

Pocket doors will be closed at the start of the event and must be closed again before the last target is struck.

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

Time will be taken at the striking if the second target

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)	Opening tank to pump valve	10 Seconds
D15 – Urban Pump Suction		
A)	Activating throttle before engine is running	DQ

Disqualifications

Refer to General Disqualifications.

6.16 Discipline – State Only

A trophy and medallions will be presented to winners and place getters of a discipline event judged over the duration of the Championship.

- Components of the event will be judgement of the march on at the opening ceremony.
- General dress and presentation during the Championship.
- Overall behaviour and team work during the Championship.

There will not be any points awarded for this event towards the point score for the Alfred Webb Trophy. A panel of judges will be appointed to conduct this. Winners will be announced, and awards presented at the Presentation dinner on Saturday night.

6.17 General Penalties

P1 - General		
A)	Second and subsequent false starts in all Events	1 Second
B)	Competitors or Teams not appearing at the starting point at the time notified	10 Seconds
C)	Infringement of any rule laid down in the Rules Governing Events for which a definite penalty has not been stated	10 Seconds
P2 – Standpipe, Hose & Branches		
A)	Failure to have standpipes within one half turn of being hand tight (Standpipes to be checked with hose/s disconnected)	2 Seconds
B)	Standpipe jumping out of hydrant after time having been recorded but before being tested or checked by the Examiner	5 Seconds
C)	Collector/Feed or Filler hoses must pass under the delivery hoses	5 Seconds
D)	Charged Hose in hose lockers or trays (Hose expanded by air or water)	5 Seconds
E)	Branch or coupling coming off after time recorded but before being tested or checked by the Examiner	5 Seconds
F)	Failure to run out coiled and rolled lengths of hose in the approved method	5 Seconds
G)	Failure to have both lugs engaged on hose with Storz couplings	2 Seconds
P3 – Appliance, Pump & Breeching Piece		
A)	Pump operator leaving Pump unattended (Must be inside lines 4-6 on the line is out)	10 Seconds
<u>General 10 Second Penalties (All Events)</u>		
Any competitor acting in an unbecoming manner in accordance with the F&R NSW Regulations		10 Seconds
Mishandling of appliances or equipment, kicking or kinking hose, throwing equipment		10 Seconds
Failure to wear correct agency uniform in accordance with the dress code		10 Seconds
Pump operator not wearing the vest & one competitor to wear vest in other events (except ladder practice)		10 Seconds
Leaving a fully charged hose lying on the ground with or without branch attached unattended by a competitor. (with water coming out)		10 Seconds
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		10 Seconds
Striking both targets by a competitor in charge of a branch		10 Seconds
Pump operator leaving designated area		10 Seconds
Competitor leaving standpipe unattended and washout occurs at		10

any coupling	Seconds
Competitor in charge of the branch failing to have part of the branch and part of the body on or over the line when jet strikes target	10 Seconds
Failure to complete hose connections at standpipe or motor at completion of event	10 Seconds
Hose trays are not be removed from hose box when removing hose. (If trays fall out and are replaced before competition of the event there is no penalty.) This will be classed as misuse of equipment	10 Seconds
Failure to start on the sounding of the starting signal	10 Seconds
Not obeying Instructions/Commands given by Marshalls or Examiners	10 Seconds
Competitor running out more than one length of hose at a time from the Pumper or Hydrant. (A competitor may carry out two lengths from the pumper to the standpipe) (A competitor may take 2 ends of the flaked hose to the Breeching piece without penalty)	10 Seconds
A Competitor after the disc has been struck or the electric alarm sounded, as the case may be, touching the hose or gear before being requested by the Examiner	10 Seconds
<u>EVENT SPECIFIC 10 SECOND PENALTIES</u>	
<u>Event: Ladder Practice</u>	
When the timing bar is pressed, the competitor must be in a stable position on the platform and clear of the ladder	10 Seconds
Competitor mounts the ladder in the event of a false start	10 Seconds
<u>All Ladder Events</u>	
Competitor not using ladder rungs as handholds during ladder climbing	10 Seconds
Competitor not using each rung on ladder climbing	10 Seconds
Competitor missing rung on a ladder climb.	10 seconds
<u>Event: Hose Hydrant & Extinguisher</u>	
Moving second length of hose before at least one competitor has completed their first stage of the evolution	10 Seconds
<u>P5 – Urban Pump Disabled & Davey Pump</u>	
If the second 70mm hose, Davey pump &/or the 38mm rolled hose are touched before the first evolution is complete	10 Seconds
If the motor driver does not say “Pump Disabled”	2 Seconds
If the Engine throttle, Pump collector valve and delivery valve are not turned off after the first evolution	5 Seconds each
If the rolled hose from Davey Pump delivery is not deployed around the outside of the standpipe	10 Seconds
Failure to complete connecting second filler hose before target two is struck	10 Seconds

6.18 General Disqualifications

D1 - General	
A)	All breaches of safety requirements as identified by the Chief Judge
B)	Failure to obey "Safety stop command" in any event

Event: – Urban Pump Suction
Activating throttle before engine is running
Event: - Ladder Events
Failure by ladder climber to obey instructions of ladder examiner, i.e. "stop" to correct hose carry.
Failure to clip on at branch line before starting any work on tower & striking target