

Tactical Ventilation 1 Day course -

AM 09.00 – 12.30 hrs

Classroom with PowerPoint delivery explaining both PPV and PPA.

Videos of various fires involving buildings.

Discussions on all theoretical input.

A type test.

PM 14.00 16.30

Practical session using the Compartment fire building.

Single fire in room (either ground or first floor)

DEMO

All students enter with instructors who demonstrate how to control and knock down the fire using Hose reel branch and then clearing smoke and heat with positive Pressure ventilation fan. We have recently introduced new branches within the service with greater flow of water. Even with this considered we would not use more than 1800litres per session. (Use of the branch and water would be less than 3 minutes on and off. Branch can deliver approx. 120lpm therefore max 360l water used which most would be converted to steam dealing with fire.)

SCENARIO

Using the same fire (reloaded by instructors) a rotation of students observed by the instructors demonstrating the skills previously observed.

There would be 3 rotations of the same scenario each taking approximately 10 mins with the same limitations and use of the Hosereel branch and water (3 mins).

Therefore, water usage for exercise session would be 1440litres. Fire appliance used on all exercise sessions carry 1800litres. Historical data shows no occasion have the practical sessions (daily) required more water than carried on 1 appliance. Residual water has not been an issue in the current Compartment fire building.

The cribs and location of the fire enable the debris and unburnt materials to be contained to the fire set area. This is allowed to burn out and be removed by manual means when cool. (Brush, Shovel, bucket, skip). No ash/debris is washed away.

Students and instructors clean up and complete end of course administration.