



Function Test Report ATTESTATION

Surveyors to BUREAU VERITAS have, at the request of Aquamate Products Ltd, attended at Petrofac Montrose base, in order to witness the function test of the following item of equipment.

Equipment Description : **Provita Smoke Escape Hood**
Manufacturer : **Aquamate Products Ltd**
Serial No. : **N/A**
Part No. : **N/A**

The undersigned declares that the following has been undertaken of the above equipment:

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Test 1: Cosmetic Smoke

Area completely filled with cosmetic smoke. Stood in area no smell, fumes or break through of smoke was discovered. Throughout the 10 minutes duration it continued to give good protection with adequate vision.

Test 2: Class 'A' Fire (Straw)

Pre-burn time for straw fire was 6 minutes which was sufficient to fill the area with white cold smoke. On entering the temperature was 74°C and walking through the area, no smell or taste of straw smoke was present & no fumes entered hood. The test was continued for the duration time of 5 minutes with adequate protection from the hood exit temperature 86°C. Throughout the duration of test the hood continued to give good protection with adequate vision.

Test 3: Class 'B' Fire (Kerosene)

Pre-burn time for Kerosene was 6 minutes which was sufficient to fill the area completely with thick black acrid smoke. On entering the temperature was 178°C and walking through the area there was no smell or taste of kerosene smoke present and no fumes entered hood. Due to the high temperature it became apparent that the smoke hood was starting to adhere to the forehead and breathing became slightly more difficult due to the extreme temperature, at which point the area was exited at a temperature of 190°C. The duration of test standing was 1 minute 30 seconds. Throughout the duration of test the hood continued to give good protection with adequate vision.



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Test 4: Class 'B' Fire (Kerosene)

No pre-burn time. Entered the area at the same time the fire was lit at a temperature of 85°C and walked through the area as it quickly filled with thick black acrid smoke. No smell or taste of Kerosene smoke present and no fumes entered hood. Due to the high temperature it became apparent that the smoke hood was starting to adhere to the forehead and breathing again became harder due to the extreme rising temperature at which point the area was exited at a temperature of 162°C. Throughout the duration of test 4 minutes 45 seconds, the hood continued to give good protection with adequate vision.

Test 5: Class B Fire (Kerosene)

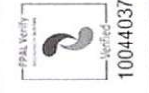
Pre-burn time for Kerosene fire 6 minutes which was sufficient to fill the area with thick black acrid smoke. This time crawling through the area head as low to the floor as possible, floor temperature cool, continuing to crawl through the area no smell or taste of kerosene smoke present and no fumes entered hood. Temperature monitored at head height 181°C on both entry and exit of space. The hood continued to give good protection with adequate vision during test duration 1 minute.

Date:
24/11/2017

Surveyor, Aberdeen
Scott Balfour



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