A close up of a sign

Description automatically generated

Before an otherwise qualified person can attend a BPA Firer Course and sit the examination, they must have assisted at three professional firework displays using F4 materials. Please use this form to assess if the candidate meets that requirement.

Professional Firer Training Dispay Assessment form

BPA Training

# 

# Professional Firer Training Display Assessment Form

# Lecturers Notes:

Criteria for sitting a BPA course and exam

|  |  |  |
| --- | --- | --- |
|  | **Firers Full Course** | **Senior Firers Full Course** |
| Minimum Age | 18+ yrs | 18+ yrs |
| Purpose of qualification | Persons assisting with the rigging, firing and derigging of professionally fired firework displays under the supervision of a senior firer. | Persons managing the rigging, firing and derigging of professionally fired firework displays and responsible for ensuring the safety of the display including to staff, the public, structures and anyone else affected by the display. |
| Eligibility | Employee of BPA Member companies and freelance firers of professionally fired firework displays | Employee of BPA Member companies and freelance firers of professionally fired firework displays |
| **Full Courses** | | |
| Pre-qualification requirements | Minimum 3 professionally fired shows within previous 3 years | A valid firers qualification  Minimum of 12 additional professionally fired shows within previous 3 years |

Whilst it is desirable, it is not vital that a candidate has a tick in every box on their collection of assessments at the end of their training displays. What is important is that where an activity has been trained the candidate can perform it to a satisfactory standard. Any activities not explicitly trained on the displays can be picked up on subsequent displays. The assessment should be a positive experience for the candidate demonstrating to them any new skills learned and existing skills practiced and developed. Where you consider an activity is not yet being performed to a satisfactory level, mark the assessment form appropriately and discuss (and record) what the candidate needs to achieve for the next assessment to be “satisfactory”.

In addition to offering feedback to the candidate, offer them an opportunity to provide feedback themselves. There is space on the last page of the assessment form for you both to record that input, request particular support or just make personal observations on the training experience.

Once the form is completed and been discussed with the candidate both they and the Training Senior Firer should sign the form and the Organising company should keep a copy for further assessment or for candidate’s verification of criteria met.

|  |  |
| --- | --- |
| Candidates Name |  |
| Date |  |
| Display |  |
| Senior Firer |  |

|  |  |  |
| --- | --- | --- |
| **Activity** | S/N\* | Comment |
| Arrived at base/venue on time |  |  |
| Took part in crew briefing |  |
| Read, understood and signed RAMS |  |
| Able to read a firing order |  |
| Wore appropriate clothing |  |
| **Cakes** | | |
| Used peg, cake board and tie-wire |  |  |
| Rigged a small cake (soft site) |  |
| Rigged a large cake (soft site) |  |
| Rigged a fan cake (soft site) |  |
| Rigged slice(s) (soft site) |  |
| Rigged a small cake (hard site) |  |
| Rigged a large cake (hard site) |  |
| Rigged a fan cake (hard site) |  |
| Used a barge board |  |
| Rigged a slice(s) (hard site) |  |
| Used a slice box |  |
| **Candles** | | |
| Rigged single candle/bundle in candle/bundle cage |  |  |
| Rigged “V”, trident or 5-way of candles and/or bundles in correct candle cage |  |
| Rigged single candle and/or bundle on peg/stake (soft site) |  |
| Rigged “V”, trident or 5-way of candles and/or bundles on pegs/stakes (soft site) |  |
| **Single Shots, Effects and Set Pieces** | | |
| Rigged flares and/or fountains (soft site) |  |  |
| Rigged flares and/or fountains (hard site) |  |
| Rigged SS on hedgehogs |  |
| Rigged SS on fingers and plates |  |
| Rigged SS on Pyrolamas |  |
| Rigged wheel etc (soft site) |  |
| Rigged wheel etc (hard site) |  |
| Rigged lancework (soft site) |  |
| Rigged lancework (hard site) |  |
| **Shells and Mines** | | |
| Rigged metal shell racks (4” or less) |  |  |
| Rigged wooden shell racks (soft site) |  |
| Rigged wooden shell racks (hard site) |  |
| Rigged single 5” or greater mortar tubes (soft site) |  |
| Rigged single 5” or greater mortar tubes (hard site) |  |
| Rigged single 4” or less mortar tubes (soft site) |  |
| Rigged single 4” or less mortar tubes (hard site) |  |
| Loaded shells/mines into tubes |  |
| Banded single shells/mines |  |
| Banded shell/mine strings |  |
| Secured timing strings |  |
| Inserted igniters into shell/mine QM |  |
| Waterproofed shell/mine racks |  |
| Waterproofed single mortar tubes |  |
| **Electrical Wiring** | | |
| Wired igniters into Pyromate field box |  |  |
| Created series cues at the field box |  |
| Created series cues close to the effects |  |
| Tied off igniters at fieldbox |  |
| Tied off igniters close to effect |  |
| Ran out pyromate multi-core cable between field boxes |  |
| Addressed FireOne rail |  |
| Wired igniters into FireOne rail |  |
| Ran out 2-core cable between FireOne rails |  |
| Used appropriate protection over and under (if required) rail or field box |  |
| **Electrical Testing** | | |
| Participate in testing the display for electrical conductivity |  |  |
| Helped perform line-by-line testing (Pyromate) |  |
| Helped perform rail-by-rail testing using Firelite (FireOne) |  |
| Helped perform rail-by-rail testing using Laptop (FireOne) |  |
| **Display Safety** | | |
| Briefed on fire extinguisher usage |  |  |
| Wore appropriate clothing (incl PPE) |  |
| Used radio communication with rest of crew |  |
| **De-Rig and Clear-Up** | | |
| Waited for site to be declared safe |  |  |
| Removed wiring from rail/field box |  |
| Coiled 2-core cables (FireOne) |  |
| Coiled multi-core cables (Pyromate) |  |
| De-rigged cakes (soft site) |  |
| De-rigged cake (hard site) |  |
| De-rigged candles/bundles cages on pegs and stakes |  |
| De-rigged candles/bundles cages |  |
| De-rigged SS plates/pyrolamas |  |
| De-rigged metal shell racks |  |
| Re-rigged single mortar tubes |  |
| Assisted in re-loading van |  |
| **Overall Performance** | **Y/N** | **Comments** |
| Did the Candidates Firer carry out all the tasks required of them? |  |  |
| Did they work safely and in compliance with the RAMS? |  |
| Taking experience into account, did you feel that the Candidates worked at a reasonable pace? |  |
| Would you be prepared to work with this person again? |  |

Any Additional comments, Identified Training Needs, Observations and/or Requests arising in 1-to-1 discussion with the Candidates:-

|  |
| --- |
| Copy of this assessment to be sent to Trainee Firer Yes No  Senior Firer Signature |
| Trainee Firer Signature |