

WHAT IS A PROFESSIONAL FIREWORK DISPLAY?

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Firework Displays - Types

- Professional or Amateur?
- Public or Private?
- Entrance fee?
- Large or Small?
- Using Category 1, 2, 3 or 4 fireworks?

Professional Firework Displays

- Professional or competent?
 - You can paint a room and have it said that it is a "very professional job" – but that doesn't necessarily make you a professional painter
 - You can be a professional painter but do a lousy job!
- Professional display companies

Professional Display Companies

- Adequate legal storage (not Registered)
 - And ability to work pre-site
- Adequate 365 day insurance
 - To cover stock and returns
 - (NOT JUST on Show-by-show basis)
- Company status
- Competent

Amateur displays

- Can be large
- Can be very competent

Amateur displays

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- BUT.....
- Only Cat 1/2/3 fireworks
- NO modification to the firework OR firing method
- Minimum prescribed "safety distances"
(based on performance of fireworks and low risk)

Professional displays

- Chooses fireworks on the basis of knowledge of the product and site
 - Access to the whole range of firework types
- NO set "safety" distances
- Risk Assessment (more later)
- Industry Standards – BPA role
- Training – BPA role

Cat 4 fireworks

- CAT 4 DOES NOT MEAN BIGGER!
- Some things can only be Cat 4 (eg flying saucers or large shells)
- Some things could be Cat 3 – but the public has no access to them (eg small Shells)
- Some things may be re-worked Cat 3 or Cat 2 – but be treated as Cat 4

Fusing and combining fireworks

- Refusing (or removal of delay fuses)
- Electric ignition
 - Classification issues
- A + B = C
 - Classification issues

Rigging

- Many different ways – **most** are acceptable
- All need to ensure, as far as possible, that firework performs as designed
 - Mortars and Crates (see later)
- Extra precautions
 - Difficult sites (eg barges or rooftops)
 - Repeat displays (eg Disney "catchers")

Pre-site work

- Many (most) will have facilities for preparatory work – MSER allowances
- Those that solely rely on goods being shipped direct to site by others are not really "Professional Display Companies"
- Classification and transport implications

On-site work

- Exempt under MSER
- Essential for final rigging/fusing/testing
 - Fitting igniters
 - Final erection of complex pieces
- Classification and transport implications (if products fail or are unused)