



Cosmic Fireworks Ltd
Unit 2 Binbrook Technical Park
Binbrook
Market Rasen
LN8 6HF
Tel: 01283 520771

SELLING AND STORING FIREWORKS AT RETAIL PREMISES

(What you need to know)

The storage of fireworks for retail sale is subject to a number of legal requirements, in particular:

- You must licence your premises, with your Local Authority, in most areas this will be the Trading Standards department, but in Metropolitan Boroughs it will be the Fire and Rescue Service.
- The maximum quantity of any hazard type of fireworks allowed in Local Authority licensed premises is 2000kg.
- Where fireworks are kept in their original packaged state, it is possible to equate hazard type with the figures on the orange diamond label present on the outer carton as follows: "1.4G" equals HT4 "1.3G" equals HT3.
- A safety distance from any public or occupied building, or road and other works will be required where more than 250kg of HT4 or more than 25 kg HT3 (or more than 25kg of a mixture of HT3 and HT4) is stored. Tables 1 and 2 below give the full quantity distance relationships for HT4 and HT3.
- Where a mixture of HT3 and HT4 fireworks are stored, the total explosive mass must be regarded as HT3.
- Carry out a risk assessment covering all aspects of the sales and storage process.
- Public access to fireworks on display must be prevented (for example by use of display cabinets) until the fireworks are sold
- The quantity of fireworks allowed in the sales area is restricted, to a maximum of 12.5kg net mass of explosives per display cabinet, the number of cabinets permitted depends on the floor area Table 3 below give details.
- A statutory notice relating to the age of sale and possession of fireworks must be displayed
- You can only sell fireworks of Category 1 to members of the general public over 16 years of age or Category 2 & 3 to members of the general public over 18 years of age

The above relate to firework storage at retail premises, there are different rules for storage for private use. Full details of all the legislation regarding the storage and sale of fireworks are available from:

- Your Local Authority,
- The Health and Safety Executive website: <http://www.hse.gov.uk/explosives/fireworks/industry.htm>
- The Department of Business Innovation and Skills website: <http://www.bis.gov.uk/assets/biscore/consumer-issues/docs/f/10-1043-fireworks-retailers-guide>



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Additional help and information is available from:

- The British Fireworks Association website <https://www.britishfireworksassociation.co.uk/>
- The Explosives Industry Group website <http://www.eig.org.uk/>
- Your supplier.

QUANTITY DISTANCE TABLES

| Hazard Type 4 | |
|---------------|------------|
| Net Mass kg | Distance m |
| <250 | 0 |
| 250 – 300 | 1 |
| 300 – 340 | 2 |
| 340 – 370 | 3 |
| 370 – 400 | 4 |
| 400 – 450 | 5 |
| 450 – 500 | 6 |
| 500 – 550 | 7 |
| 550 – 600 | 8 |
| 600 – 650 | 9 |
| 650 – 700 | 10 |
| 700 – 750 | 11 |
| 750 – 800 | 12 |
| 800 – 900 | 13 |
| 900 – 950 | 14 |
| 950 – 1000 | 15 |
| 1000 – 1100 | 16 |
| 1100 – 1150 | 17 |
| 1150 – 1200 | 18 |
| 1200 – 1300 | 19 |
| 1300 – 1350 | 20 |
| 1350 – 1400 | 21 |
| 1400 – 1450 | 22 |
| 1450 – 1550 | 23 |
| 1550 – 1600 | 24 |
| 1600 – 1650 | 25 |
| 1650 – 1700 | 26 |
| 1700 – 1800 | 27 |
| 1800 – 1850 | 28 |
| 1850 – 1900 | 29 |
| 1900 – 2000 | 30 |

TABLE 1

| Hazard Type 3 | |
|---------------|------------|
| Net Mass kg | Distance m |
| <25 | 0 |
| 25 – 50 | 23 |
| 50 – 75 | 25 |
| 75 – 100 | 29 |
| 100 – 150 | 33 |
| 150 – 200 | 37 |
| 200 – 300 | 42 |
| 300 – 400 | 47 |
| 400 – 450 | 47 |
| 450 – 500 | 50 |
| 500 – 600 | 51 |
| 600 – 700 | 53 |
| 700 – 800 | 54 |
| 800 – 900 | 55 |
| 900 – 1000 | 63 |
| 1000 – 1100 | 70 |
| 1100 – 1200 | 71 |
| 1200 – 1300 | 72 |
| 1300 – 1400 | 73 |
| 1400 – 1500 | 74 |
| 1500 – 1600 | 75 |
| 1600 – 1700 | 76 |
| 1700 – 1800 | 78 |
| 1800 – 1900 | 79 |
| 1900 – 2000 | 80 |

TABLE 2



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| Total floor area of the sales area (square metres) | Maximum quantity of fireworks that may be kept under a licence requiring a separation distance of 0m (kg – net mass of explosive) (Note a maximum of 12.5kg net mass of explosive is permitted per cabinet) |
|---|---|
| up to 20 | 12.5 |
| up to 40 | 15 |
| up to 60 | 20 |
| up to 80 | 25 |
| up to 100 | 30 |
| up to 150 | 35 |
| up to 200 | 40 |
| up to 250 | 45 |
| up to 300 | 50 |
| up to 350 | 55 |
| up to 400 | 60 |
| up to 450 | 65 |
| up to 500 | 70 |
| 500 and over | 75 |

TABLE 3