

Testing of fire crackers at Wadala Truck Terminus

The Maharashtra Pollution Control Board in association with AWAAZ Foundation, a non-governmental organization has carried out noise level monitoring of commonly available fire crackers on September 8, 2006 at Wadala Truck Terminus, Opposite Imax Theatre, Mumbai. The Print and Electronic media representatives were also present. The fire crackers of different make, manufactured by various units were tested for noise level in an open space at the above location. The results of these tests are enclosed in a form of statement indicating name of the company, type of fire crackers and the noise levels observed for ready reference.

The monitoring results indicate that the fire crackers are not meeting the stipulated standards. Besides this, the boxes containing the fire crackers do not indicate the noise level in decibel units. This is certainly a breach of condition of license issued under the Explosive Rules, 1983.

Testing of fire crackers at Wadala Truck Terminus

Sr.No.	Company Name	Type of cracker	Sound pressure Level PEAK (Max) In dbC	Sound pressure Level IMPULSE (Max) In dbA
01.	Raju Kanna	Fire Fuller (Shell)	139.1	130.4
			141.8	126.0
02.	Raju Kanna	Rocket	101.1	94.8
			124.8	110.4
03.	Supremo Pyotech.	Rocket Red Star	135.6	126.3
04	Rajkamal	Merry Music, Whistling	112.7	110.4
05	Sony	King Fisher Shell	141.9	129.8
			141.9	133.1
06	Sony	Shell Chhama chhama	142.4	139.1
			139.2	130.7
07	Abbas Fireworks	Atom Bomb 007	141.9	126.8
08	Sony	12 Colour Sets	132.4	130.2
09	Kala Fireworks	Shell Golden Star	142	129.7
10	Standard Fireworks	Shell Thunder Bolt	140.6	142.6
11	Jai Manoj	Serial Cracker (Ladi)	142.2	142.0
12	Rajkamal Fireworks	Asseted Fountain	95.9	98.7
13	Standard Firework	Speed 100	108.9	131

Testing of fire crackers at Wadala Truck Terminus

14	Sri Vijai Pyrotech	Max 120	121.1	139.5
15	Raju Kunnan	Shell (Dil Deke Dekho)	120.4	135.4
16	Parashakti Fireworks	Atom Bomb (<i>Sutali Bomb</i>)	141.7	140.0
			141.2	138.5
			141.9	144.9
19	Gems Fire Works	Serial Cracker (<i>Ladi</i>) GM-3000	138.9	135.0
20	Supreme fire works	Supreme Rangoli Smoke	88.51	95.4
21	Vinaya Fire Works	Sweet 16 (Whistle)	129.6	123.6

Testing of fire crackers at Wadala Truck Terminus

Standards for Fire Crackers

The manufacture, sale or use of fire-crackers generating noise level exceeding 125 dB (AI) or 145 dB (C)_{PK} at 4 meters distance from the point of bursting shall be prohibited.

Note: dB (AI) A- weighted impulse sound pressure Level in decibel dB(C)_{PK}
C- weighted Peak Sound Pressure Level in decibel.”