

aska[®]



**For First
Responders
During Golden Hour
Of Rescue
Operation**

Application Areas

- ▶ Panchayat Level
- ▶ Relief Camps
- ▶ Rural & Urban Police Stations
- ▶ Rural & Urban Fire Stations
- ▶ Multipurpose Cyclone Shelters

Ministry of Railways have scaled this lighting system for ARTs and ARMVs

NDMA guidelines also recommend this lighting for fire stations



<https://www.gem.gov.in>



AIT 4500 General Portable Inflatable Lighting System

**For Temporary Or Emergency
Illumination Requirements**

- ▶ Glare Free Light
- ▶ Easy To Transport
- ▶ Quick Deployment



GSDMA, OSDMA, MSDMA are few states which have place this lighting system at block level, rural and urban police stations / fire stations and cyclone shelters.

This light tower has been successfully used in "Vandana Borewell" rescue operation, MP lake incident, Bangalore building collapse, Boat capsized rescue operation in Kerala and many more.



Past Scenario for illumination

During disasters (earthquake, floods) there is no electricity (illumination) available. Rescue work is further hampered as logistics support / equipments can not be moved easily at disaster's site.

Our team puts best efforts for rescue during day time but are forced to abandon rescue operation during dark hours and wait for day light to resume work.

Further rescue / relief / medical camps also use conventional method of illumination (gensets, loose wires, flood lights) which is time consuming factor.

Present Scenario for illumination

Portable inflatable Lighting System consist of an inbuilt genset, blowers, lamp. The user has to switch on the generator first, then blower which inflates the cloth to a height of 4.5 meters from ground level. Further the user switches on the 400 W MH lamp which provides 360° glare free illumination up to 10,000 sq. meters within 3 minutes.

This lighting system has been inducted by NDRF, SDRF, SDMA for block level, relief camps, cyclone shelters.

TECHNICAL SPECIFICATIONS

Closed System LxBxH	585x450x520mm
Tower Height & Weight	4.5 mts & 45 kg
Engine	4 Stroke
Generator Model	Petrol 1200VA (rated)
Tank Capacity	8.0 litre
Light Source	400W Metal Halide
Brightness	42,000 Lumen
Time for towering extension	60 sec.
Time for closing	4 mins.
Dimension / Weight Tolerance	± 5%



CLIENTS



aska®

Aska Equipments Ltd.

R-482, New Rajendra Nagar, Ganga Ram Hospital Square, Shankar Road, New Delhi -110060

Tel. : +91-11-49458800 (30 lines)
Fax: +91-11-49458844

Email: info@askagroup.com
website: www.askagroup.com

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customer@askagroup.com