

aska®



NDMA, MHA, NFSC
& CFEES have
suggested Inflatable
Light Tower as a
part of fire stations /
fire tenders

For
Fire Services,
Pipeline &
Maintenance
Division

Applications

- ▶ During fire the electrical supply is switched off, this light can be used for illuminating the area.
- ▶ It can also be used for operation and maintenance work to be carried out during dark hours by pipeline divisions.
- ▶ This system can also be used by crisis management team of oil industry. This system can be provided with spark arrestor if required.
- ▶ This system can also be used in depots for illumination requirements



<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



The Problem

Whenever there is a fire we first switch off the electrical supply, this leads to complete darkness in surrounding areas. The fire tenders are standing away from the scene of the fire due to congested lanes. The fire crew requires quick illumination in the area during and after fire fighting operations.

Further whenever illumination is required for maintenance work we generally use generators, wires and flood lights to illuminate an area, it is a time consuming process.

Also in oil marketing depots sometimes electrical supply is not available.

Present Scenario for illumination

The fire services use portable inflatable light tower which 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.

- ✓ It can also be used for operation and maintenance work to be carried out during dark hours by pipeline divisions.
- ✓ This system can also be used by crisis management team of oil industry. This system can be provided with spark arrestor if required.
- ✓ This system can also be used in depots for illumination requirements



TECHNICAL SPECIFICATIONS

Closed System (LxBxH)	585 x 450 x 520 mm	Light Source	400W Metal Halide
Tower : Height & Weight	4.5 mts & 45 Kgs	Brightness	42,000 Lumen
Engine	4 Stroke	Time For Tower Extension	60 Sec.
Generator Model	Petrol 1200VA (Rated)	Time To Pack	4 Minutes
Generator Fuel Tank Capacity	8.0 Liter	Dimension/Weight Tolerance	± 5%

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CLIENTS



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