

BW3200A-3

Mine explosion-proof illumination system

Ex-mark: Ex de II CT6
Protection Grade: IP66
Patent No.: ZL 2005 3 0131871.9



Applications

This system adopts the explosion-proof technology design and can satisfy the illumination needs for operation sites or emergency.

Features

- This system consists of the control box, lamp head, tripod and cable.
- The power generator of the tractor hoist is under operation when the hoist is running. This system is able to use the generator to supply power directly, or the illumination is conducted when it is charged simultaneously.
- Good illumination effects: three lamp heads are installed on the tripod respectively, which may use the floodlight to provide large area illumination on the mine, and the spotlight illuminates the well and derrick. The illumination angles are subject to free adjustment. The lamp installation positions or quantities can be decided upon the operation conditions.
- The backup battery can still provide illumination for three on-site lamps for 12 hours in case of blowout accidents when the illumination system of the generator is off.
- Tripod: Max height: 2.8m. With high strength of overall structure, it still can operate under harsh circumstances.



Applications

This system uses the explosion-proof technology and can satisfy the illumination needs for on-site operation or emergency during the accidents.

Features

- This system consists of the control box, lamp head and the cable.
- The power generator of the tractor hoist is under operation when the hoist is running. This system is able to use the generator to supply power directly, or the illumination is conducted when it is charged simultaneously.
- Good illumination effects: four lamp heads are installed on the tripod respectively, which may use the floodlight to provide large area illumination on the mine, and the spotlight illuminates the well and derrick. The illumination angles are subject to free adjustment. The lamp installation positions or quantities can be decided upon the operation conditions.
- The backup battery can still provide illumination for four on-site lamps for eight hours in case of blowout accidents when the illumination system of the generator is off.

Illumination System

- Safety-enhanced control box: The control box is mainly composed of battery, explosion-proof switch, and connection box and control circuit.
- Lamp heads: four lamp heads: one condenser and three floodlights.
- The lamp head is mounted on the derrick, and its illumination angle can be adjusted freely. Power supply of lamp head is connected to the safety-enhanced control box through the 15m cable.

BW3200A-4

Deck (low voltage) explosion-proof illumination system

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