



# WAGON TIPPER SAFETY SYSTEM

**MODEL: "WT-30A"**  
**PART NO.: 1500000117**

We are an **ISO 9001:2008** certified organization. We are manufacturing safety Equipment's for industries and mining machineries. We are Director General of Mines and Safety (DGMS) approved Vendor.



## TECHNICAL SPECIFICATION

Ultrasonic sensor to sense two alert zone and two danger zone on inhaul side and outhaul side of wagon tippler.

Suitable sensor to sense the position of rail track must be installed. All the sensors will be located such that it will not disturb the regular operation of wagon tippler.

Control Panel: PLC based control panel having all the required facility like when the tipping is in operation if anything comes in the alert zone it will sound the alarm to alert the staff. Also, shut off the tippler immediately and automatically when the wagon comes in the danger zone, to avoid the derailment. Suitable light to alert and alarms for safety of the operation with LED Indication of various sensor on control room etc.

Wireless indication to will be provided to the operator of side arm charger and separate indication will be given at suitable point so that it will be visible from larger area to avoid accidents.

Erection, poles and fitting of sensor on site complete wiring of sensor and LED Light of various sensor provision of siren horn//Hotter for danger position, testing and commissioning of the safety system and maintenance of newly commissioned system for 1 year. It includes rectification of defects, modifications according to site requirements and keeping the system healthy.



**Manufacturer of Safety Equipments as per D.G.M.S. Circulars**

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