











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LET'S GREEN OUR MINE



FEATURES

- ◆ Remote Tyre Health Monitoring
- ◆ Upto 32 sensors per receiver

ADVANTAGES

- ◆ Extends Tyre Life
- ◆ Increases safety
- ◆ Avoid vehicle down time
- ◆ Reduce tyre maintenance cost
- ◆ Increase productivity
- ◆ Improve fuel efficiency by 3%
- ◆ Save 3kg CO2 emission per every litre of fuel saved.
- ◆ Sensors fit inside tyre.
- ◆ Connects to vehicle network.
- ◆ Rugged, Accurate & Reliable.
- ◆ Remote Monitoring of Tyre Health.
- ◆ Smart Savings on Long-Run.
- ◆ No Dependency on Manual Monitoring.
- ◆ Tyre Health condition can be observed from control room.
- ◆ Timely attending to the deflated Tyres. ROI Within 6 Months.

INTRODUCTION

Tyre Care is an automatic tyre guaging system. It measures the exact pressure and temperature of the tyre from remote location thereby reducing vehicle down time. It alerts drivers and maintenance personnel to take a preventive action timely and instantaneously. It is an Indigenously developed system specifically developed for HEMM in Mining Application where the cost of each tyre is few Lakh rupees and as such contributes considerably to cost of production.

HOW SYSTEM WORKS ?

Custom built sensors are mounted inside each tyre. They transmit accurate data to the receiver through wireless media. Each receiver is designed to accept up to 32 sensors. The receiver analyses all signals and alerts the driver if any tyre pressure is lower than admissible so that it can be inflated in time avoiding accidents and downtime. When Tyre pressure is too low the rolling resistance increases, resulting in greater fuel consumption. The receiver also transmits the data to a Central Vehicle Network for remote monitoring purpose.

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