

ATTENTION !

Mine Manager	Project Manager	Engineering Manager
CHPP Manager	Electrical Engineer	Maintenance Manager

Early Fire Monitoring for Coal Stockpile / Coal Conveyor Belt Entries: (CO – Carbon Monoxide Products of Combustion Monitoring)



MSR / Germany PolyGard CO Monitoring and Alarm System (Spontaneous Combustion of Coal - Smouldering Fire Monitoring):

Every year Millions of Dollars worth of coal stockpiles and assets are destroyed in fires world-wide due to spontaneous combustion of coal and conveyor belt fires (frictional heat) in coal mines, coal stock piles, coal stock yards, coal loading terminals, shipping yards and in coal based POWER STATIONS

ALVI Technologies is pleased to introduce MSR / Germany PolyGard CO Monitoring and Control system. The PolyGard is designed to monitor for CO gas (products of combustion) for Early Fire Warning. Flame detection is not a solution as by the time flame is detected – it is too late. Same is with smoke detectors – it is too late

- **US Bureau of Mines recommends CO (products of combustion) Monitoring for early fire warning**
- Install PolyGard CO Early Fire Warning and Control system and save millions of dollars worth of assets and coal stock
- Recover the cost of installation by **“REDUCTION IN INSURANCE PREMIUMS RATES”**
- Provide safety to your plant and personnel from deadly TOXIC CO gas poisoning
- PolyGard Stand Alone CO Alarm Controller with integral CO products of combustion sensor (early fire warning) with integral relays (for ventilation fan control, audio-visual alarm) and 4-20 mA output for your mine control system
- PolyGard LonBus Serial Linked CO DIGITAL Transmitters, intelligent, smart, addressable, and expandable – serially linked with one cable (save 40-60 % on cable, cabling, installation cost)
- PolyGard LonBus DIGITAL Central Controller to monitor and control upto 96 sensor/transmitters
- Integrate your Flame, Smoke, Gas (CO₂, O₂, CH₄, NO, NO₂) detectors to the PolyGard Digital Central Controller
- PolyGard DIGITAL LonWorks system is INTERNET capable – also sending SMS MESSAGES to your Mobile Phone

For details please contact ALVI Technologies Pty Ltd (Mobile: 0411 287 513 or e-mail or Fax)