



GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
DIRECTORATE GENERAL OF MINES SAFETY

Fax No.0326-2221027
Tel : PBX Nos.2221005-09

DGMS (Tech) Circular No.08 of 2012

Dhanbad, dated 23.03.2012

To
Owners, Agents & Managers of
All Coal mines

Sub: Use and maintenance of Telemonitoring System

The 10th Conference for Safety in Mines had recommended for providing effective monitoring system for the environmental parameters in respect of methane, carbon monoxide and other noxious gases. Facilities of continuous type monitoring was required to be installed within two years in all degree III gassy coal mines and in such other mines having active fire.

DGMS had issued Technical Circular (No.13 of 2009) intimating the guidelines regarding standard and upkeep of Tele-monitoring System at underground coal mines. Tele-monitoring being continuous monitoring system is an effective means for detecting dangers in nascent stages and thereby enabling suitable mitigating measures and averting losses due to disasters.

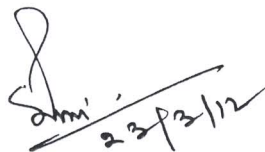
It has been observed that all degree III and fiery mines have not implemented the directives fully. Even the few mines where the system is installed have a poor record as far as the standard, maintenance and operation are concerned. The system installed has been observed to be poorly maintained often inactive and is in a dismal state of affairs. Such situation was attributed to poor maintenance and lack of reliable mechanism of after sales service to the installation on a long term basis.

Prevailing situation of non application of the directives and also of such defective systems in mines is contrary to the larger interest of safety, and that of sustainability.

Past experience on the issue also corroborates this, wherein it was felt that if Tele-monitoring system would have been installed and maintained at those mines, perhaps accidents/disasters could have been averted, and much of life and property could have been saved.

It is very much felt necessary to install **reliable and efficiently** working Tele-monitoring System at underground coal mines for continuous monitoring and early detection for noxious gasses which would enhance the possibility of early preventive action. Recent advances have been made on the Tele-monitoring subject, wherein many other parameters identified for pre warning have been added and wherein hand held instruments can also be effectively connected to the main Tele-monitoring system. As such all out efforts should be made to install reliable and effective Tele-monitoring systems in the larger interest of mines, and it should be ensured that the system is in continuous working order.

It is therefore, required that in the larger interest of safety and sustainability and in compliance to the recommendation of 10th Conference on Safety in Mines, regarding facilities of continuous monitoring, Strict directive be issued and implemented for ensuring reliable and efficiently working Tele- monitoring system at the underground coal mines.


S. M. Singh
23/3/12

Director-General of Mines Safety.

To
The Dir, (SOMA)

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प्रतिष्ठिति सूचनाएं
को उनके संबंधित कार्यालयों के बीच
वितरण हेतु प्रेषित ।

उपरोक्त आदेश सुरक्षा महानिदेशक