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To

The Owner, Agent and Manger of all Coal Mines ,Metal Mines &
Oil Mines/Oil Fields

Sub : Advanced Early Streamer Emission Type Lightning Protection System

You are aware that existing Mines operations are minimally equipped to take care of man/machine against Lightning/Surges.

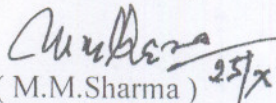
Places which are high thunder prone do not have adequate facilities for protection.

Therefore, it is advised that protection be implemented in Oil Mines/Oil Fields , Open Cast Mines , CHP's & workshops for Lightning/Surges with advanced Early Streamer Emission type Lightning Protection system to take care of an area by aerial radial method, where by a very large area can be covered. The system should work without support of any Electrical Power.

The down conductor to be used should be of High Voltage Shielded cable having insulation resistance at 20 Degree of 1830 Meg Ohm/cm and thermal short circuit current (1 Sec) should be 7.15 KA.

The earth pit should be of maintenance free type & with CPRI tested certificate.

Yours faithfully,


(M.M.Sharma)

Director General of Mines Safety