Abstract

Electric Detonators with its two terminal paired cable may act as an efficient receiving antenna. Radiated field from other sources may optimum level of current in the cable and in turn accidental detonation may occur. Present work is focused on estimation of hazardous field strength level.

References

- R. H. Thompson, J. G. Stuart and A. W. Cipkins; "A Study of RF Hazards at Low and medium Frequencies to blasting in Underground Coal Mines"; A Mining Research
Contract Report, Franklin Research Center, Philadelphia.
- Institute of Makers of Explosives &quot;Safety Library Publication 20 &quot;
- Norabel Ignition System &quot;Electric Detonators&quot;

**Index Terms**

**Computer Science**

**Wireless Communication**

**Keywords**

Electric Detonator effective Radiated Power mining Enviroment