

Lightning Protection Design Applied to Sustainable Development

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Abstract : Lightning protection is nowadays applied worldwide since the advent of international standards. Lightning protection is widely justified by the casualties and damages involved. As a matter of fact, the lightning business is constantly growing as more and more sensible areas need to be protected. However, the worldwide demand of copper materiel is increasing as well, its price too. Furthermore, the most frequently used method of protection is consuming a lot of copper. The copper production is also consuming a large amount of natural and power resources, not to mention the ecologic balance.

Keywords : ESEAT, Lightning protection , natural resources management, NF C 17-102, sustainable development

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