

## 에폭시 연면거리에 따른 파괴전압 분석

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### Analysis of Surface flashover Depending on Gap Distance in Epoxy Region

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**Abstract :** In a wide variety of high-voltage applications surface flashover plays major role in the system's performance and yet has not been studied in great detail for atmospheric conditions with modern diagnostic tools. surface flashover for both direct current and pulsed voltages in considered. within the setup, parameters such as geometry, material characteristics of the applied voltage can be altered. This paper review surface flashover of insulator, primarily in atmosphere. It discusses theories and models relating to surface flashover and experimental results. surface flashover of insulators in atmosphere generally is initiated by the emission of electrons from the cathode triple junction point (the region where the electrode, insulator, air). the electrode material was copper, and a AC voltage was applied between the electrodes. these results were compared with the surface flashover characteristic of epoxy

**Key Words :** surface, flashover, insulator, epoxy

#### 감사의 글

본 과제(결과물)는 지식경제부의 지원으로 수행한 에너지 자원인력양성사업의 연구결과입니다.

(This work is the outcome of a Manpower Development Program for Energy & Resources supported by the Ministry of Knowledge and Economy (MKE))

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