

Continuity Tests in Reinforced Concrete Columns for Natural LPS

**Hélio E. Sueta¹, Miltom Shigihara¹,
Luis E. Caires¹, José A. B. Grimoni¹**

¹ Institute of Electrotechnics and Energy of USP
São Paulo - Brazil
sueta@iee.usp.br

Duílio M. Leite²

²Encontre Engenharia
São Paulo - Brazil
dleitemor@gmail.com

In the present paper, we show results concerning measurements as well as several computer simulations in relation to the implementation of standards IEC 62305 [2] [3] [4] [5] and the Brazilian NBR 5419 [1] with regard specifically to the use of structure natural components, such as vertical and horizontal columns, used as a means of current flow in the incidence of a lightning discharge.