ABSTRACT

Based on the result of inspection external thunder protection system when OJT at Tuban Factory PT. Semen Gresik (Persero) Tbk. (August 3 – September 30, 2010) has found external thunder protection system isn’t available like broken, not clearly set at building, there is the chanel was broken, etc. This condition very dangerous because thunder can strike the building. The effect of thunder is step strained, touch strained mechanic effect. The risk is death lost of public serve lost of economic value until shutdown the production process..


From result of comparability analysis external thunder protection system got by recommendation of good thunder protection system according to SNI and of Permenaker No 02/ MEN/ 1989 if found by finding of unsafe condition in air terminal, down conductor, earth electrode, and conditions comparability analysis external thunder protection system according to SNI and of Permenaker No 02/ MEN/ 1989

Keyword: Effect Pouncing Movement Thunder, Air Terminal, Down Conductor, and Electrode Earth