References

[1] http://www.the map of sri lanka.com

[2] J. R. Lucas, "*High Voltage Engineering*", Dept. Elect. Eng., University of Moratuwa, Colombo, Sri Lanka, [2001].

[3] W.A.K.T. Indrajith, "Designing of distribution substation lightning protection system to minimize damage due to lightning", Msc. dissertation, Dept. Elect. Eng., University of Moratuwa, Colombo, Sri Lanka, 2014.

[4] J. R. Lucas and D. A. J. Nanayakkara, "Lightning protection of pole-mounted Transformers and its applications in Sri Lanka", Trans. IEE Sri Lanka, April 2001.

[5] A. J. Eriksson et al. "Lightning performance and overvoltage surge studies on a rural distribution line", IEE Proc. Vol. 129 Pt. C, No2 March 1982.

[6] F. Heidler et al. "Parameters of Lightning Current Given" in IEC 62305

[7] IEC INTERNATIONAL STANDARD 62305, "Protection against lightning (Part 1 -5)" Edition 2.0, 2010-12

[8] NFPA 780 Standard for the Installation of "Lightning Protection Systems", 2008 Edition

[9] API/EI Research Report 545 "A Verification of lightning protection requirements for above ground hydrocarbon storage tanks", First Edition, October 2009, Summary

[10] API RP 545 "Recommended Practice for Lightning Protection of Above Ground Storage Tanks for Flammable or Combustible Liquids", First Edition, October 2009

[11] M.A. Uman, Martin, "All About Lightning" 1993

[12] IEEE Transactions on "Experimental study of Ionizing Air Terminal Performance"

[13] IEEE Transactions on "Lightning Protection Systems, Advantages and Disadvantages"

[14] Hu Hai-Yan and Liu Quan-Zhen, "Research on Lightning Sparks Discharge and Protection Measures of Large Floating Roof Tank" -2012 ICLP

[15] WANG Zhen-guo, "The reason and counter method of oil gas space explode and fire in the first and second seal of oil floating roof tank" – 2007

[16] Diaz, Luis and Miry "Calculation of Lightning Transient Voltages in Cables considering a Large Industrial site using a FDTD Thin Wire Model"-2015

[17] "Inductance calculation manual", Beijing, China: China Machine Press, 1992.

[18] Zhang renyu, Chen changyu, Wang changchang. "*High voltage test techniques*", Beijing, China: Tsinghua University Press, 2003.

[19] G. Diendorfer, and W. Schulz "Ground Flash Density and Lightning Exposure of Power Transmission Lines", Paper accepted for presentation at IEEE Bolonga Power Tech Conference 2003.

[20] "Protection of structures against lightning", BS 6651:1992, Dec 1992.

[21] Introduction to the PSCAD/EMTDC Version3, Manitoba HVDC Research Center 2001.

[22] Applications of PSCADTM / EMTDCTM, Manitoba HVDC Research Centre 2001.

[23] W. Ireshani Jayatunga, "Modelling of lightning surge propagation in railway track and propose a cost-effective protection system", MSc. Dissertation, Department of Electrical Engineering, University of Moratuwa, Sri Lanka 2018