

DAFTAR PUSTAKA

- [1] M. Shafiq, M. Lehtonen, L. Kutt, and M. Isa, “Design, Implementation and Simulation of Non-Intrusive Sensor for On-Line Condition Monitoring of MV Electrical Components,” *Engineering*, vol. 6, no. 11, pp. 680–691, 2014, doi: 10.4236/eng.2014.611067.
- [2] M. Shafiq, G. A. Hussain, L. Kütt, and M. Lehtonen, “Effect of Geometrical Parameters on High Frequency Performance of Rogowski Coil for Partial Discharge Measurements,” *Meas. J. Int. Meas. Confed.*, vol. 49, no. 1, pp. 126–137, 2014, doi: 10.1016/j.measurement.2013.11.048.
- [3] E. Kasinathan, A. Mahajan, and N. Gupta, “Phase Resolved PD Patterns in Treeing in the Presence of Voids,” *J. Electrostat.*, vol. 87, pp. 45–50, 2017, doi: 10.1016/j.elstat.2017.03.004.
- [4] B. Standard, *PD IEC/TS 62070:2000 High-Voltage Test Techniques-Partial Discharge Measurements*. 2001.
- [5] B. S. Publication, *PD IEC/TS 62478:2016 High Voltage Test Techniques - Measurement of Partial Discharges by Electromagnetic and Acoustic Methods*. 2016.
- [6] Y. O. Shaker, “Detection of Partial Discharge Acoustic Emission in Power Transformer,” *Int. J. Electr. Comput. Eng.*, vol. 9, no. 6, pp. 4573–4579, 2019, doi: 10.11591/ijece.v9i6.pp4573-4579.
- [7] E. P. Waldi *et al.*, “Twin Loop Induction Sensor for Detection Partial Discharge,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 846, no. 1, 2020, doi: 10.1088/1757-899X/846/1/012034.
- [8] W. Chonpathomphikunloed, B. Paophan, A. Kunakorn, P. Yutthagowith, and M. Leelachindakrairerk, “Analyses of Rogowski Coils for Partial Discharge Measurement,” *Proc. Int. Symp. Electr. Insul. Mater.*, vol. 1, no. 2, pp. 378–381, 2017, doi: 10.23919/iseim.2017.8088764.

- [9] E. P. Waldi, A. I. Lestari, R. Fernandez, and S. Mulyadi, “Rogowski Coil Sensor in the Digitization Process to Detect Partial Discharge,” vol. 18, no. 2, pp. 1062–1071, 2020, doi: 10.12928/TELKOMNIKA.v18i2.14282.
- [10] R. Arora and W. Mosch, *High Voltage and Electrical Insulation Engineering*. Canada: John Wiley & Sons, Inc., Hoboken, New Jersey, 2011.
- [11] J. Halliday, David; Resnick, Robert; Walker, *Fisika*, 3rd ed. Jakarta: Penerbit Erlangga, 1984.
- [12] C. Resin, D. Alumina, A. Rasyid, and F. Murdiya, “Karakteristik Tegangan Tembus AC Pada Material Isolasi Padat Campuran Resin dengan Aluminia (AL₂O₃),” *Jom FTEKNIK*, vol. 4, pp. 1–6, 2017.
- [13] E. P. Waldi, “Studi Penuaan Isolator Listrik Berbahan Polietilen Kerapatan Rendah (Low Density Polyethylene/LDPE) yang Disebabkan oleh Peluahan Sebagian (Partial Discharge),” Universitas Andalas, 2018.
- [14] E. Kuffel, W. . Zaengl, and J. Kuffel, *High Voltage Engineering Fundamentals*, Second Edi. Melbourne: Newnes, 2000.
- [15] F. H. Kreuger, *Industrial High Voltage*. Netherlands: Delft University Press, 1992.
- [16] I. M. Štefanka, “Application of Sensors and Digitalization Based On IEC 61850 in Medium Voltage Networks and Switchgears,” Brno UniversityY of Technology, 2016.
- [17] E. P. Waldi, F. A. Yudhitia, R. Fernandez, and All, “Development of Rogowski Coil Sensor for Partial Discharge Detection,” in *Conference on Innovation in Technology and Engineering Science*, 2019, pp. 1–6, doi: 10.1088/1757-899X/602/1/012031.
- [18] G. M. Hashmi, “Partial Discharge Detection for Condition Monitoring of Covered-Conductor Overhead Distribution Networks Using Rogowski Coil Partial Discharge Detection for Condition Monitoring of Covered-Conductor Overhead Distribution Networks Using Rogowski Coil,” Helsinki University of Technology, 2008.

- [19] A. N. Sarwade, P. K. Katti, and J. G. K. Ghodekar, “Use of Rogowski Coil As Current Transducer for Distance Relay Reach Correction,” *Int. J. Electr. Eng. Informatics*, vol. 8, no. 4, pp. 802–818, 2016, doi: 10.15676/ijeei.2016.8.4.8.
- [20] L. a. Kojovic and R. Beresh, *Practical Aspects of Rogowski Coil Applications to Relaying*, no. September. IEE Power System Relaying Committee Special Report, 2010.
- [21] A. Goldman, *Handbook of Modern Ferromagnetic Materials*. New York: Springer Science+Business Media, LLC, 1999.
- [22] T. Byers, “Permeability Measured,” *Nuts and Volts Everything for Electronics*, 2020. <https://www.nutsvolts.com/questions-and-answers/permeability-measured> (accessed Nov. 12, 2020).
- [23] C. S. Brazel and S. L. Rosen, *Fundamental Principles of Polymeric Materials*, Third Edit. Canada: John Wiley & Sons, Inc., Hoboken, New Jersey, 2012.
- [24] M. E. Grigore, “Methods of recycling, properties and applications of recycled thermoplastic polymers,” *Recycling*, vol. 2, no. 4, pp. 1–11, 2017, doi: 10.3390/recycling2040024.
- [25] G. Wypych, *Handbook of Polymers*, Second Edi. Canada: ChemTec Publishing, 2016.
- [26] V. P. Fahriani, R. Setiawan, and S. R. Pertiwi, “Uji Experimen Variasi Bahan Feromagnetik Inti Logam dan Temperatur Lingkungan Terhadap Performa Induktansi Induktor,” vol. 7, no. 2, pp. 22–28, 2019.