

DAFTAR PUSTAKA

Sumber Buku dan Jurnal:

- Abadi, Akbar et al. 2015. "Analisa Perbaikan Profil Tegangan Sistem Tenaga." (2): 158–64.
- Arifianto, D. A., Soemarwanto, I., & Purnomo, I. H. (2013). Analisis Kegagalan Transformator Di PT Asahimas Chemical Banten Berdasarkan Hasil Uji DGA Dengan Metode Roger ' s Ratio. *Student Journal*, 1–6(2).
- Arora, R. K. (2013). Different DGA Techniques for Monitoring of Transformers. *International Journal of Electronics and Electrical Engineering*, 1(4), 299–303. <https://doi.org/10.12720/ijeee.1.4.299-303>
- Bates, D. (n.d.). for training purpose only in a Box A Utility ' s Perspective By DGA in a Box.
- Bhalla, Deepika, Raj Kumar Bansal, and Hari Om Gupta. 2011. "Transformer Incipient Fault Diagnosis Based on DGA Using Fuzzy Logic." India International Conference on Power Electronics, IICPE 2010.
- Committee of the IEEE Power Engineering Society, Transformers. 2006. 2008 *IEEE Std C57.146-2005, IEEE guide for interpretation of gases generated in silicone immersed transformers*.
- Digdayanti, Risti Nurita, Wahyuni Martiningsih, and Siswo Wardoyo. 2012. "Aplikasi Fuzzy Logic Pada Metode Dissolved Gas Analysis Untuk Mengklasifikasikan Tipe Fault Pada Minyak Trafo." 1(1): 1–8.
- Dinata, Kandar. 2011. "Transformator Daya"
- Dumitrescu, Manana, Member Zeee, Toader Munteanu, and Anatoli Paul Ulmeanu. 2004. "Fuzzy Logic in Power System Performability." (June).
- Elitya Dwi Alisyani. (2018). Optimasi penentuan Kapasitas dan Penempatan Kapasitor pada Sistem Distribusi 20 kV Pengulang Ciwaru Menggunakan Logika Fuzzy.
- Epsilon, S. (1991). Pengkajian kronologis transformator BHT03 pada

- RSG - GAS menggunakan metode dissolved gas analysis Teguh Sulisty, *18(3)*, 105–113.
- Gill, Paul, *Electrical Power Equipment Maintenance and Testing*. New York: Marcel Dekker, Inc., 1998.
- Gray, I. (2009). A guide to transformer oil analysis. *Transformer Chemistry Services*, 1–12. Retrieved from <http://scholar.google.com/scholar?hl=en&btnG=Search&q=intitle:A+guide+to+transformer+oil+analysis#4>
- Hardityo, R. (2008). Deteksi dan analisis indikasi kegagalan transformator dengan metode analisis gas terlarut. *Skripsi Universitas Indonesia*, 1–67.
- Hoosmand, Rahmatollah, and Mahdi Benezad. 2007. “Application of fuzzy logic in fault diagnosis in transformers using dissolved gas based on different standards.” *International journal of mechanical, aerospace, industrial, mechatronic and manufacturing engineering 2(17)*: 157-61.
- IEC 60422, *mineral insulating oils in electrical equipment – supervision & maintenance guidance, 2005*.
- IEEE Std. C57.12.80-1978, *IEEE standard terminology for power and distribution transformer*. New York: institute of electrical and electronics engineers, Inc, 1978, hal 8.
- IEEE Std. C57.12.80.1978, *IEEE standard terminology for power and distribution transformer*. New York: Institute Ekectrical and Electronic Engineers, Inc., 1978.
- Ilham, Galih, and Mey Setiawan. “Analisis Kondisi Minyak Transformator Berdasarkan Uji Parameter Utama.” : 1–19.
- Klomjit, Jittiphong, and Atthapol Ngaopitakkul. 2016. “Selection of Proper Input Pattern in Fuzzy Logic Algorithm for Classifying the Fault Type in Underground Distribution System.” : 2650–55.
- L Demmassabu, A R, and F Patras, S Lisi. 2014. “Analisa Kegagalan Tranformator Daya Berdasarkan Hasil Uji DGA Dengan Metode TDCG , Key Gas , Roger Ratio , Duval Triangel pada Gardu Induk Triangel.”

- Naba, Agus. 2009. Fuzzy Logic.
- Napitupulu, John Cristian, and Panusur S.M.L Tobing. 2013. “Analisis Keandalan Transformator Daya Menggunakan Metode Distribusi Weibull.” 3(3): 112–17.
- Patel, R. N., & Thakur, H. S. (2017). Integrated fuzzy approach for incipient fault detection in power transformers. *IEACon 2016 - 2016 IEEE Industrial Electronics and Applications Conference*, 211–218. <https://doi.org/10.1109/IEACON.2016.8067381>
- Penuaan, P. D. A. N., & Syakur, A. (2016). Analisis Gas Terlarut Pada Minyak Isolasi, (January 2011).
- Permana, S. (2017). Indikasi tipe fault pada transformator berdasarkan dissolved gas analysis dengan pengembangan aplikasi fuzzy logic.
- Putri, Anggia, and Effendi. “Fuzzy Logic Untuk Menentukan Lokasi Kios Terbaik Di Kepri Mall Dengan Menggunakan Metode Sugeno.” *Teknik Informatika* 3(49–59)
- R, Muhammad Faishal A, and Tejo Sukmadi. 2011.”Analisis Indikasi Kegagalan Transformator”. 2011 Makalah Seminar Tugas Akhir 12(3):95-102.
- Rudy, Setiabudy, Tranformator pada system transmisi listrik. Materi kuliah Transmisi dan Distribusi Daya Listrik Depok, 11 Maret 2008
- Saranya, S., Mageswari, U., Roy, N., International, R. S., & Sudha, R. (2013). Comparative Study Of Various Dissolved Gas Analysis Methods To Diagnose Transformer Faults, 3(3), 592–595.
- Setiawan, N. A., Sarjiya, & Adhiarga, Z. (2012). Power transformer incipient faults diagnosis using Dissolved Gas Analysis and Rough Set. *Proceedings of 2012 IEEE International Conference on Condition Monitoring and Diagnosis, CMD 2012*, (September), 950–953. <https://doi.org/10.1109/CMD.2012.6416311>
- Shanker, T. B., Nagamani, H. N., Antony, D., & Puneekar, G. S. (2018). Case studies on transformer fault diagnosis using dissolved gas analysis. *Asia-Pacific Power and Energy Engineering Conference, APPEEC, 2017–November*, 1–3. <https://doi.org/10.1109/APPEEC.2017.8309010>

- Sinuhaji, Y. P. (2012). ANALISIS KEADAAN MINYAK ISOLASI TRANSFORMATOR DAYA 150 kV MENGGUNAKAN METODE DISSOLVED GAS ANALYSIS (DGA) DAN FUZZY LOGIC PADA GARDU INDUK WILAYAH SIDOARJO.
- Siregar, Mhd Arifin. 2013. “Analisis Ketidak Seimbangan Beban Pada Transformator Distribusi Di PT.PLN (Persero) Rayon Panam Pekanbaru.” Universitas Islam Negeri Sultan Syarif Kasim Riau Pekanbaru 16–17.
- Suripto, S. (2016). Buku Ajar Sistem Tenaga Listrik. Yogyakarta: Universitas Muhammadiyah Yogyakarta
- Suswanto, D. (2009). Sistem Distribusi Tenaga Listrik. Padang
- Taha, I. B. M., Ghoneim, S. S. M., & Duaywah, A. S. A. (2016). Refining DGA methods of IEC Code and Rogers four ratios for transformer fault diagnosis. *IEEE Power and Energy Society General Meeting, 2016–November*(April 2018), 1–6.
<https://doi.org/10.1109/PESGM.2016.7741157>
- Wannapring, E., Suwanasri, C., & Suwanasri, T. (2016). Dissolved Gas Analysis methods for distribution transformers. *2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON 2016*.
<https://doi.org/10.1109/ECTICon.2016.7561320>
- Yulisusianto, Gatut, Hadi Suyono, dan Rini Nurhasanah 2015. “Diagnosis Kondisi Transformator Berbasis Analisis Gas Terlarut Menggunakan Metode Sistem Pakar Fuzzy”. 9(1):1-6.

Sumber Internet:

- ____, *gas chromatography*. Diakses 24 Agustus 2018.
www.chemistry.nmsu.edu/instrumentation/gc.html.
- ____, *serveron white paper : DGA diagnotic methods*. Diakses pada 24 Agustus 2018, Oregon: Serveron Corporate: www.severon.com
- www.nntworldwide.com diakses pada April – September 2018