

DAFTAR PUSTAKA

- [1] R. A. Mahendra, "Rumah di Bogor Kebakaran Akibat Tabung Gas Bocor, 1 Orang Terluka," detiknews. Accessed: Feb. 01, 2024. [Online]. Available: <https://news.detik.com/berita/d-6957601/rumah-di-bogor-kebakaran-akibat-tabung-gas-bocor-1-orang-terluka>
- [2] K. C. Media, "Kontrakan Terbakar akibat Ledakan Tabung Gas Bocor, 3 Warga di Ciledug Terluka Bakar," KOMPAS.com. Accessed: Feb. 01, 2024. [Online]. Available: <https://megapolitan.kompas.com/read/2023/12/11/20380011/kontrakan-terbakar-akibat-ledakan-tabung-gas-bocor-3-warga-di-ciledug>
- [3] "Infografis Kejadian Bencana 2018," <https://bpbd.jakarta.go.id>. Accessed: Feb. 01, 2024. [Online]. Available: <https://bpbd.jakarta.go.id/index.php/perpustakaan/69/infografis-kejadian-bencana-2018>
- [4] "Infografis Kejadian Bencana 2019," <https://bpbd.jakarta.go.id>. Accessed: Feb. 02, 2024. [Online]. Available: <https://bpbd.jakarta.go.id/perpustakaan/70/infografis-kejadian-bencana-2019>
- [5] "Infografis Kejadian Bencana 2020," <https://bpbd.jakarta.go.id>. Accessed: Feb. 02, 2024. [Online]. Available: <https://bpbd.jakarta.go.id/perpustakaan/71/infografis-kejadian-bencana-2020>
- [6] "Infografis Kejadian Bencana 2021," <https://bpbd.jakarta.go.id>. Accessed: Feb. 02, 2024. [Online]. Available: <https://bpbd.jakarta.go.id/perpustakaan/97/infografis-kejadian-bencana-2021>
- [7] "Infografis Kejadian Bencana 2022," <https://bpbd.jakarta.go.id>. Accessed: Feb. 02, 2024. [Online]. Available: <https://bpbd.jakarta.go.id/perpustakaan/180/infografis-kejadian-bencana-2022>
- [8] S. M. Latifah, "ANALISA KEGAGALAN TABUNG GAS LPG KAPASITAS 3 KG," no. 1, 2012.
- [9] Y. K. Pertiwi, T. Martianto, and A. Priatni, "KAJIAN PERBANDINGAN STANDAR KARET PERAPAT UNTUK KATUP TABUNG LPG," *Pertem. Dan Present. Ilm. Stand.*, vol. 2020, pp. 17–26, Feb. 2021, doi: 10.31153/ppis.2020.48.
- [10] A. B. Mulyono and E. H. Purwanto, "The expired period of Liquefied Petroleum Gas (LPG) rubber hose supports consumer safety aspects," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 1072, no. 1, p. 012016, Feb. 2021, doi: 10.1088/1757-899X/1072/1/012016.
- [11] S. S. Binti Sarnin *et al.*, "Liquefied petroleum gas monitoring and leakage detection system using nodemcu ESP8266 and wi-fi technology," *Indones. J. Electr. Eng. Comput. Sci.*, vol. 17, no. 1, p. 166, Jan. 2020, doi: 10.11591/ijeecs.v17.i1.pp166-174.
- [12] M. As'ad, "RANCANG BANGUN PENETRALISIR KEBOCORAN GAS PADA PERUMAHAN BERBASIS MICROCONTROLLER ARDUINO," *J. Tek. Elektro UNISMUH*, vol. 15, 2023, [Online]. Available: <https://journal.unismuh.ac.id/index.php/vertex/article/download/10216/5623>



- [13] S. Chen *et al.*, “Numerical Simulation Investigation on Natural Gas Leakage under Different Kitchen Layouts in China,” *ACS Omega*, vol. 8, no. 49, pp. 46697–46714, Dec. 2023, doi: 10.1021/acsomega.3c05912.
- [14] D. Rauniyar and S. Bhattarai, “Numerical Study of Dispersion and Ventilation of LPG Gas in Urban Household Kitchen,” 2022, [Online]. Available: <http://conference.ioe.edu.np/publications/ioegc12/IOEGC-12-152-12216.pdf>
- [15] O. Han, Y. Zhang, A. Li, J. Li, Y. Li, and H. Liu, “Experimental and numerical study on heavy gas contaminant dispersion and ventilation design for industrial buildings,” *Sustain. Cities Soc.*, vol. 55, p. 102016, Apr. 2020, doi: 10.1016/j.scs.2020.102016.
- [16] Y. Muharam and H. Septian, “Simulation of Gas Leakage in a Gas Utilization System in Household Sector,” *Int. J. Technol.*, vol. 4, no. 3, p. 224, Jul. 2013, doi: 10.14716/ijtech.v4i3.118.
- [17] Brzezinska, Dorota and Markowski, Adam, “Experimental evaluation of lpg release and dispersion in the enclosed car parks,” *Chem. Eng. Trans.*, vol. 48, pp. 253–258, Jun. 2016, doi: 10.3303/CET1648043.
- [18] T. Davletshina and N. P. Cheremisinoff, *Fire and explosion hazards handbook of industrial chemicals*. Westwood, N.J: Noyes Publications, 1998.
- [19] “bp-propane.pdf.” BP Australia Pty Ltd, Australia, 2021. [Online]. Available: https://www.bp.com/content/dam/bp/country-sites/en_au/australia/home/products-services/data-sheets/bp-propane.pdf
- [20] P. Concannon, *Residential Ventilation*. Belgium: Peter Concannon, FaberMaunsell Ltd., 2002. [Online]. Available: https://www.aivc.org/sites/default/files/members_area/medias/pdf/Technotes/TN57%20Residential%20Ventilation.pdf
- [21] “Tata cara perancangan sistem ventilasi dan pengkondisian udara pada bangunan gedung.” [Online]. Available: <https://staffnew.uny.ac.id/upload/132100514/pendidikan/perencanaan-pendingin.pdf>
- [22] R. B. Bird, W. E. Stewart, and E. N. Lightfoot, *Transport phenomena*, 2nd, Wiley international ed ed. New York: J. Wiley, 2002.
- [23] Y. A. Çengel and A. J. Ghajar, *Heat and mass transfer: fundamentals & applications*, Fifth edition. New York, NY: McGraw Hill Education, 2015.
- [24] D. H. Utami and I. Azhar, *TRANSFER MASSA DAN PANAS*. Lampung: Tekkim Publishing, 2017. [Online]. Available: <http://repository.lppm.unila.ac.id/8071/1/Buku%20Ajar%20TMP%20Herti%20Azhar%202017.pdf>
- [25] F. P. Incropera, D. P. DeWitt, T. L. Bergman, and A. S. Lavine, Eds., *Fundamentals of heat and mass transfer*, 6. ed. Hoboken, NJ: Wiley, 2007.
- [26] H. K. Versteeg and W. Malalasekera, *An introduction to computational fluid dynamics: the finite volume method*, 2nd ed. Harlow, England ; New York: Pearson Education Ltd, 2007.
- [27] Y. Zhao, H. D. Akolekar, J. Weatheritt, V. Michelassi, and R. D. Sandberg, “RANS turbulence model development using CFD-driven machine learning,” *J. Comput. Phys.*, vol. 411, p. 109413, Jun. 2020, doi: 10.1016/j.jcp.2020.109413.



- [28] “SNI 03-1979-1990 Spesifikasi Matra Ruang & Rumah Tinggal.pdf.” Kementerian Pekerjaan Umum, 1989.
- [29] “PERATURAN BANGUNAN NASIONAL.” DEPARTEMEN PEKERJAAN UMUM, 1978. [Online]. Available: <https://simantu.pu.go.id/personal/img-post/autocover/cf04539f2730c8d83da525f9d9c79064.pdf>
- [30] “SAFETY DATA SHEET BP Propane.” Australia, Apr. 22, 2021. [Australia]. Available: https://www.bp.com/content/dam/bp/country-sites/en_au/australia/home/products-services/data-sheets/bp-propane.pdf
- [31] “ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 62.2-2013.” The American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., United States, 2015. [Online]. Available: https://www.ashrae.org/File%20Library/Technical%20Resources/Standards%20and%20Guidelines/Standards%20Addenda/62_2_2013_c_20151208.pdf
- [32] F. Bastian, “KAJIAN EKSPERIMENTAL KEBOCORAN GAS LPG PADA TABUNG GAS DENGAN BERBAGAI TYPE KATUP PENGAMAN YANG TERPASANG,” Universitas Indonesia, Depok, Jawa Barat, 2012. [Online]. Available: <https://lib.ui.ac.id/detail?id=20289696&lokasi=lokal>
- [33] “Ansys Fluent Theory Guide.” ANSYS, Inc., 2021. [Online]. Available: https://dl.cfdexperts.net/cfd_resources/Ansys_Documentation/Fluent/Ansys_Fluent_Theory_Guide.pdf
- [34] A. Bakker, *Lectures on Applied Computational Fluid Dynamics*. United States, 2008.
- [35] “Appendix A Mesh Quality Mesh Quality ANSYS Meshing Application Introduction.” ANSYS, Inc., 2009.

