

DAFTAR PUSTAKA

- Ahn, M. S. *et al* 2020, "Feasibility evaluation of designated quantities for chemicals requiring preparation for accidents in the Korean chemical accident prevention system," *International Journal of Environmental Research and Public Health*, 17(6), hal. 1–14. doi: 10.3390/ijerph17061927.
- Anjana, N. S. *et al* 2015, "Population Vulnerability Assessment around a LPG Storage and Distribution Facility near Cochin using ALOHA And GIS," *International Journal of Engineering Science Invention*, 4(6), hal. 23–31.
- Assael, M. J. dan Kakosimos, K. E. 2010, *Fires, Explosions, and Toxic Gas Dispersions Effects Calculation and Risk Analysis*. Boca Raton: CRC Press.
- ATSDR 1995, "Toxicological Profile for Gasoline," hal. 107, <https://www.atsdr.cdc.gov/toxprofiles/tp72-c3.pdf>.
- Beheshti, M. H. *et al* 2018, "Modelling the Consequences of Explosion, Fire and Gas Leakage in Domestic Cylinders Containing LPG," *Annals of Medical and Health Sciences Research*, hal. 83–88, <https://www.amhsr.org/articles/modelling-the-consequences-of-explosion-fire-and-gas-leakage-in-domestic-cylinders-containing-lpg.pdf>.
- Benintendi, R. 2018, *Process Safety Calculations, Process Safety Calculations*, <https://doi.org/10.1016/C2015-0-06739-9>.
- Benson, G. (2020) *Fire Prevention, Detection, and Response*. 2 ed, *The Professional Protection Officer*. 2 ed. Elsevier Inc. doi: 10.1016/b978-0-12-817748-8.00014-6.
- Bjerketvedt, D., Bakke, J. R. dan Van Wingerden, K. 2019, *Gas explosion handbook, Journal of Hazardous Materials*. Bergen Norway: GEXCON. doi: 10.1016/S0304-3894(97)81620-2.
- Boyce, M. P. 2011, *Gas Turbine Engineering Handbook*. Butterworth-Heinemann. doi: 10.1016/B978-0-12-383842-1.00012-3.
- BPH Migas 2015, *Syarat Menjadi Sub Penyalur Jenis BBM Tertentu dan Khusus Penugasan*, diakses 1 Desember 2020 <https://www.bphmigas.go.id/berita/syarat-menjadi-sub-penyalar-jenis-bbm-tertentu-dan-khusus-penugasan/>.
- BPS Depok 2019, *Kecamatan Cimanggis dalam Angka 2019*. Depok: BPS Kota Depok.

- CDC 2019, *CDC - NIOSH Pocket Guide to Chemical Hazards - Gasoline*, diakses 7 Januari 2021 <https://www.cdc.gov/niosh/npg/npgd0299.html>.
- CDC 2020, “Burns,” *Injury Prevention*, <https://www.cdc.gov/masstrauma/factsheets/public/burns.pdf>.
- Chakrabart, A., Mannan, S. dan Cagin, T. 2016, *Multiscale Modeling for Process Safety Applications*. Elsevier, <https://doi.org/10.1016/C2011-0-07976-0>.
- Demirbas, A. *et al.* 2015, “Octane Rating of Gasoline and Octane Booster Additives,” *Petroleum Science and Technology*, 33(11), hal. 1190–1197. doi: 10.1080/10916466.2015.1050506.
- Dian Sartika K 2012, *Analisis Konsekuensi Dispersi Gas, Kebakaran, dan Ledakan Akibat Kebocoran Tabung Lpg 12 Kg Di Kelurahan Manggarai Selatan Tahun 2012 Dengan Menggunakan Breeze Incident Analyst Software Selama*. Universitas Indonesia.
- Dinas Pemadam Kebakaran Depok 2016, “Rencana Strategis Dinas Pemadam Kebakaran Kota Depok,”.
- DMI 2020, *Types of major chemical/industrial hazards Fir*, diakses 28 Oktober 2020 <http://www.hrdp-idrm.in/e5783/e17327/e27015/e27713/>.
- Faisol, A. 2020, *Ledakan Pom Bensin Mini di Probolinggo Diduga karena Korsleting Halaman all - Kompas.com*, *Kompas.com*, diakses 20 Oktober 2020 <https://regional.kompas.com/read/2020/03/22/18280251/ledakan-pom-bensin-mini-di-probolingo-diduga-karena-korsleting?page=all>.
- Firesafe.org.uk 2016, *Information about the Fire Triangle/Tetrahedron and Combustion : Firesafe.org.uk*, diakses 28 Oktober 2020 <https://www.firesafe.org.uk/information-about-the-fire-triangletetrahedron-and-combustion/>.
- Hendro 2018, *Pom Bensin Mini Pertamina di Kukusan Terbakar , Depok news*, diakses 10 Februari 2020 <https://www.depoknews.id/pom-bensin-mini-pertamina-di-kukusan-terbakar/>.
- ILO 2013, *Keselamatan dan Kesehatan Kerja, Handbook of Institutional Approaches to International Business*. doi: 10.4337/9781849807692.00014.
- Kementerian ESDM 2014, *Mengenal Keselamatan Migas Indonesia / Situs Ditjen Migas*, diakses 1 Desember 2020 <https://migas.esdm.go.id/post/read/Mengenal-Keselamatan-Migas-Indonesia>.
- Kementerian ESDM 2018, “Keselamatan SPBU: Pedoman Teknis dan Pembelajaran dari Kejadian.”

Della Rosa Ningtias, 2021

ANALISIS KONSEKUENSI KEBAKARAN DAN LEDAKAN PEMODELAN ALOHA PADA POM BENSIN MINI X DI DEPOK TAHUN 2020

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Program Studi Kesehatan Masyarakat Program Sarjana
[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Kurniansyah, D. dan Hakim, H. L. 2020, “Penerapan Peraturan BPH Migas Nomor 6 Tahun 2015 Terhadap Pelaku Usaha Pertamina/Pommini di Kabupaten Karawang Tahun 2018,” *Desember*, 3(2), hal. 215. doi: 10.35706/jpi.v3i2.
- Lestari, A. M. 2019, *Gambaran Sarana Proteksi Aktif Kebakaran dan Kepatuhan Konsumen pada Tanda dan Rambu Peringatan di SPBU sebagai Upaya Pencegahan Kebakaran (Studi pada SPBU Kabupaten Bondowoso)*. Universitas Jember.
- Malhotra, A., Carson, D. dan McFadden, S. 2017, “Blast pressure leakage into buildings and effects on humans,” *Procedia Engineering*. Elsevier B.V., 210, hal. 386–392. doi: 10.1016/j.proeng.2017.11.092.
- Mannan, S. 2012, *Lees’ Loss Prevention in the Process Industries (Fourth Edition)*. Butterworth-Heinemann, <https://doi.org/10.1016/C2009-0-24104-3>.
- Mannan, S. 2014, *Lees’ Process Safety Essentials Hazard Identification Assessment and Control*, <https://doi.org/10.1016/C2009-0-20231-5>.
- Mellawati, J. dan Priambodo, D. 2015, “Evaluasi Potensi Bahaya Kebakaran dari Sumber Tidak Bergerak (SPBU) Aspek kejadian Akibat Kegiatan Manusia,” in *Kimia dalam Industri dan Lingkungan*.
- Mulya, M. P. 2018, *Perlindungan Hukum Terhadap Konsumen Penggunaan Bahan Bakar Minyak (BBM) dalam Bentuk Pertamina Digital di Desa Sidomulyo, Belitang Oku Timur*. Universitas Brawijaya.
- NFPA 2020, *Reporter’s Guide: All about fire*, diakses 28 Oktober 2020 <https://www.nfpa.org/News-and-Research/Publications-and-media/Press-Room/Reporters-Guide-to-Fire-and-NFPA/All-about-fire#what>.
- NFPA 2020, *Service or Gas Station Fires | NFPA*, diakses 25 Januari 2021 <https://www.nfpa.org/News-and-Research/Data-research-and-tools/Building-and-Life-Safety/Service-or-Gas-Station-Fires>.
- NOAA 2013, “National Oceanic and Atmospheric Administration. ALOHA (Areal Locations of Hazardous Atmospheres) Technical Documentation”.
- NOAA 2020, “ALOHA,” in, hal. 1–2, <https://response.restoration.noaa.gov/sites/default/files/aloha.pdf>.
- NOAA 2021, *Acute Exposure Guideline Levels (AEGs)*, diakses 29 Januari 2021 <https://response.restoration.noaa.gov/oil-and-chemical-spills/chemical-spills/resources/acute-exposure-guideline-levels-aegls.html>.

- NOAA n.d., *Chemical Datasheet Isooctane, CAMEO Chemical*, diakses 28 Oktober 2020 <https://cameochemicals.noaa.gov/chemical/941>.
- NOAA dan EPA 2007, “National Oceanic and Atmospheric Administration Office of Response and Restoration Emergency Response Division The CAMEO Software System ALOHA User's Manual”.
- NOAA dan EPA 2016, “The CAMEO Software Suite ALOHA Example Scenarios.”.
- Nolan, D. P. 2019, *Characteristics of Hazardous Material Releases, Fires, and Explosions, Handbook of Fire and Explosion Protection Engineering Principles for Oil, Gas, Chemical, and Related Facilities*, <https://doi.org/10.1016/C2017-0-04314-8>.
- Patel, P. dan Sohani, N. 2015, “Hazard Evaluation Using Aloha Tool in Storage Area of an Oil Refinery,” *International Journal of Research in Engineering and Technology*, 04(12), hal. 203–209. doi: 10.15623/ijret.2015.0412040.
- Paudel, P. dan Rijal, K. 2020, “Fire and Economic Risk Assessment of Petrol Pumps within Kathmandu District,” 3(08), hal. 133–147.
- Permatasari, D. I., Sunarsih, E. dan Faisya, H. A. F. (2016) “Analisis Konsekuensi Kebakaran dan Ledakan Pada Tangki LPG (Liquefied Petroleum Gas) di PT Surya Esa Perkasa Tbk Palembang” .
- Pertamina (2020) *Offline - FAQ Direktorat Pemasaran Retail Pertamina | PT Pertamina (Persero)*, diakses 1 Desember 2020 <https://www.pertamina.com/id/offline--faq-direktorat-pemasaran-retail-pertamini>.
- Priambodo, D. 2018, “Penentuan Nilai Jarak Aman Sumber Tidak Bergerak: Skenario Kebakaran dan Ledakan pada SPBU dan SPPBE di Sekitar Tapak RDE,” *Jurnal Pengembangan Energi Nuklir*, 20(1), hal. 9. doi: 10.17146/jpen.2018.20.1.4314.
- PubChem 2021, “2,2,4-Trimethylpentane-induced nephrotoxicity. I. Metabolic disposition of TMP in male and female Fischer 344 rats,” *Toxicology and Applied Pharmacology*, 91(2), hal. 171–181. doi: 10.1016/0041-008X(87)90098-6.
- Pullarcot, S. 2015, *Above Ground Storage Tanks, Above Ground Storage Tanks*. Boca Raton: CRC Press. doi: 10.1201/b18505.
- Qonono, K. 2019, “Analysis of the fire hazard posed by petrol stations in Stellenbosch and the extent to which planning acknowledges risk,” hal. 1–107.

- Ramli, S. 2010, *Petunjuk Praktis Manajemen Kebakaran (Fire Management)*. Jakarta: Dian Rakyat.
- Roianov, A. dan Garbuz, S. 2018, “the Assesment of the Scales and the Risk of the Appearance Technogenous Situations During the Process of Degasing the Storage Tanks of Light Petroleum Products,” *Advanced Information Systems*, 2(4), hal. 119–123. doi: 10.20998/2522-9052.2018.4.20.
- Safe Work Australia 2012, *Guide for Major Hazard Facilities Safety Assessment*, [http://www.safeworkaustralia.gov.au/sites/SWA/about/Publications/Documents/669/Safety Assessment.pdf](http://www.safeworkaustralia.gov.au/sites/SWA/about/Publications/Documents/669/Safety%20Assessment.pdf).
- Santa Cruz 2010, “Material Safety Data Sheet 2,2,4-Trimethylpentane.”
- Sendy, E. G. n.d., *Mengenal Luka Bakar, RSGM Maranatha*, diakses 28 Oktober 2020 <https://rsgm.maranatha.edu/2017/04/19/mengenal-luka-bakar/>.
- SIKer 2016, “Isooktana,” in, hal. 2–11, <http://ik.pom.go.id/v2016/katalog/ISOOKTANA.pdf>.
- Da Silva Rodrigues, A. J. *et al.* 2017, “Risk reliability analysis, resulting from explosions in petrochemical industries: A case study using Aloha software,” *Iberian Conference on Information Systems and Technologies, CISTI*. doi: 10.23919/CISTI.2017.7975733.
- Yang, L., Chang, Y. dan Wang, J. 2019, “Simulation of LNG Power Ship Fuel Tank Leakage Accident Based on ALOHA Software,” 5(12), hal. 68–74. doi: 10.6919/ICJE.201911.
- Yang, R. *et al.* 2019, “Simulation analysis of propylene storage tank leakage based on ALOHA software,” *IOP Conference Series: Earth and Environmental Science*, 267(4). doi: 10.1088/1755-1315/267/4/042038.
- Zheng, F. *et al.* 2018, “Analysis on Risk of Multi - Factor Disaster and Disaster Control in Oil and Gas Storage Tank,” *Procedia Engineering*. Elsevier B.V., 211, hal. 1058–1064. doi: 10.1016/j.proeng.2017.12.110.
- Zhou, Y. *et al.* 2016, “Research on fire and explosion accidents of oil depots,” *Chemical Engineering Transactions*, 51, hal. 163–168. doi: 10.3303/CET1651028.