

DAFTAR PUSTAKA

- Adei, D., Acquah Mensah, A., Agyemang-Duah, W., & Kwame KanKam, K. (2021). Economic Cost of Occupational Injuries and Diseases among Informal Welders in Ghana. *Cogent Medicine*, 8(1), 1–17. <https://doi.org/10.1080/2331205x.2021.1876338>
- Aimi, N., Wahab, A., Nabilah, F., Rahiza, A., & Isa, N. (2022). Hazard Identification, Risk Assessment and Risk Control (HIRARC) on Laboratory Waste Disposal in Chemistry Laboratory. In *Journal of Academia* (Vol. 10)
- Ambarukmi P, F. (2021). Sosialisasi dan Pelatihan Mitigasi Bencana Guna Membangun Universitas Jenderal Achmad Yani sebagai Prototipe Kampus Siaga Bencana. *Jurnal Abdimas Kartika Wijayakusuma*, 2(2). <https://doi.org/10.26874/jakw.v2i2.77>
- Arumugaprabu, V., Ajith, S., Jerendran, J., Naresh, K., & Rama Sreekanth, P. S. (2022). Hazard identification and risk assessment using integrated exposure frequency and legislation requirements (HIRA-FL) in construction sites. *Materials Today: Proceedings*, 56, 1247–1250. <https://doi.org/10.1016/j.matpr.2021.11.178>
- Ayi, H. R., & Hon, C. Y. (2018). Safety Culture and Safety Compliance in Academic Laboratories: A Canadian perspective. *Journal of Chemical Health and Safety*, 1–7. <https://doi.org/10.1016/j.jchas.2018.05.002>
- Ayu, I., Lestari, I. D., Lestari, F., & Tejamaya, M. (2020). Cost and Benefit Analysis of Laboratory Health and Safety Management System. *Indian Journal of Public Health Research & Development*, 11(03), 2293–2297
- Bai, M., Liu, Y., Qi, M., Roy, N., Shu, C. M., Khan, F., & Zhao, D. (2022b). Current status, challenges, and future directions of university laboratory safety in China. *Journal of Loss Prevention in the Process Industries*, 74, 1–11. <https://doi.org/10.1016/j.jlp.2021.104671>
- Bai, Y., Chen, Z., Liao, L., Li, L., Liang, S., Wang, J., Chen, J., & Ouyang, B. (2019). Discussion of College and University Laboratory Safety Management System Using Blockchain. *Journal of Physics: Conference Series*, 1213(5), 1–6. <https://doi.org/10.1088/1742-6596/1213/5/052018>
- Berhan, E. (2020). Prevalence of occupational accident; and injuries and their associated factors in iron, steel and metal manufacturing industries in AddisAbaba. *Cogent Engineering*, 7(1). <https://doi.org/10.1080/23311916.2020.1723211>
- Cahyaningrum, D. (2020). Program Keselamatan dan Kesehatan Kerja di Laboratorium

<https://doi.org/10.14710/jplp.2.1.35-40>

Corso, M., Cardoso, F. A. R., Andrade, P. R. de, Rezende, L. C. S. H., & Sastre, R.

M. (2022). Management of occupational safety and health (OSH) in University Chemical Laboratories: A Case Study at a University Federal Public Service in the Interior of Paraná - Brazil. *International Journal of Advanced Engineering Research and Science*, 9(6), 145–151. <https://doi.org/10.22161/ijaers.96.14>

Duryan, M., Smyth, H., Roberts, A., Rowlinson, S., & Sherratt, F. (2020). Knowledge transfer for occupational health and safety: Cultivating health and safety learning culture in construction firms. *Accident Analysis and Prevention*, 139, 1–13. <https://doi.org/10.1016/j.aap.2020.105496>

Gibson, J. H., Schröder, I., & Wayne, N. L. (2014). A Research University's Rapid Response to a Fatal Chemistry Accident: Safety Changes and Outcomes. *Journal of Chemical Health and Safety*, 21(4), 18–26. <https://doi.org/10.1016/j.jchas.2014.01.003>

Gopalaswami, N., & Han, Z. (2020). Analysis of Laboratory Incident Database. *Journal of Loss Prevention in the Process Industries*, 64, 1–10. <https://doi.org/10.1016/j.jlp.2019.104027>

Haider, S. A., Akbar, A., Tehseen, S., Poulova, P., & Jaleel, F. (2022). The impact of responsible leadership on knowledge sharing behavior through the mediating role of person–organization fit and moderating role of higher educational institute culture. *Journal of Innovation and Knowledge*, 7(4). <https://doi.org/10.1016/j.jik.2022.100265>

He, Y., He, Z., Zhang, F., & Fang, Q. (2022). Safety Management Strategy of University Laboratory. *Open Journal of Business and Management*, 10, 1160– 1166. <https://doi.org/10.4236/ojbm.2022.103062>

Hong, C. C., Ramayah, T., & Subramaniam, C. (2018). The Relationship Between Critical Success Factors, Internal Control and Safety Performance in the Malaysian Manufacturing Sector. *Safety Science*, 104, 179–188. <https://doi.org/10.1016/j.ssci.2018.01.002>

Ivascu, L., & Cioca, L. I. (2019). Occupational Accidents Assessment by Field of Activity and Investigation Model for Prevention and Control. *Safety*, 5(12), 1–23. <https://doi.org/10.3390/safety5010012>

Kartono, A. B., & Soediantono, D. (2022). Application Suggestion of ISO 9001:2015 Quality Management System in the Defense Industry: A Literature Review. *International*

- Khoo, B. C., Tahar, F. H., Yu Wee, B., & Heng Chiak Sim, J. (2019). Evaluation of a Laboratory Safety Program that Integrates Daily Toolbox Meeting to Prevent Laboratory Exposure to High Risk Microorganisms. *Journal of Environment and Safety*, 10(2), 67–70
- Kumar, P., Singhal, S., & Kansal, J. (2022). Quality Management System Practices Performed in ISO 9001 Certified Engineering Educational Institutions: A Critical Analysis of Indian Universities. *Quality Management System Practices Performed in ISO 9001 Certified Engineering Educational Institutions: A Critical Analysis of Indian Universities*, 36(1), 65–75
- Kurnia, M. B. (2020). Faktor-Faktor Penyebab Rendahnya Penerapan Sistem Manajemen Keselamatan dan Kesehatan Kerja (SMK3) Pada Perusahaan Bidang Pekerjaan Konstruksi. *Teknik Sipil*, 2(2), 141–146
- Lestari, F., Bowolaksono, A., Yuniatami, S., Wulandari, T. R., & Andani, S. (2019). Evaluation of the Implementation of Occupational Health, Safety, and Environment Management Systems in Higher Education Laboratories. *Journal of Chemical Health and Safety*, 1–6. <https://doi.org/10.1016/j.jchas.2018.12.006>
- Li, Z., Wang, X., Gong, S., Sun, N., & Tong, R. (2022). Risk assessment of unsafe behavior in university laboratories using the HFACS-UL and a fuzzy Bayesian network. *Journal of Safety Research*, 82, 13–27. <https://doi.org/10.1016/j.jsr.2022.04.002>
- Liberati, E. G., Peerally, M. F., & Dixon-Woods, M. (2018). Learning from High Risk Industries May not be Straightforward: A Qualitative Study of the Hierarchy of Risk Controls Approach in Healthcare. *International Journal for Quality in Health Care*, 30(1), 39–43. <https://doi.org/10.1093/intqhc/mzx163>
- Lontaan, G. J., Taroreh, R. N., & Ferdy, R. (2024). Pengaruh Kesehatan dan Keselamatan Kerja (K3) Serta Sarana Prasarana Terhadap Produktivitas Kerja Pegawai Pada Badan Penanggulangan Bencana Daerah (BPBD) Provinsi Sulawesi Utara. Januari-Maret, 8(2), 1–11
- Ma, L., Ma, X., Zhang, J., Yang, Q., & Wei, K. (2021). A Methodology for Dynamic Assessment of Laboratory Safety by SEM-SD. *International Journal of Environmental Research and Public Health*, 18(12), 1–18. <https://doi.org/10.3390/ijerph18126545>
- Machfudiyanto, R., & Utomo, D. (2019). Implementasi Kebijakan SMK3 di Perusahaan

<https://jurnal.ucy.ac.id/index.php/CivETech/issue/archive>

- Malinda, A., Soediantono, D., Staf, S., Tni, K., & Laut, A. (2022). Benefits of Implementing ISO 45001 Occupational Health and Safety Management Systems and Implementation Suggestion in the Defense Industry: A Literature Review. *In Journal of Industrial Engineering & Management Research* (Vol. 3, Issue 2). <http://www.jiemar.org>
- Marshall, P., Hirmas, A., & Singer, M. (2018). Heinrich's Pyramid and Occupational Safety: A Statistical Validation Methodology. *Safety Science*, 101, 180–189. <https://doi.org/10.1016/j.ssci.2017.09.005>
- Marwah, A. (2019). Penerapan Sistem Manajemen Keselamatan dan Kesehatan Kerja (SMK3) Pada Kecelakaan Kerja di PT. Stargate Pasific Resources Konawe Utara. In *Penerapan Sistem Manajemen Keselamatan dan Kesehatan kerja Pada Kecelakaan Kerja di PT. Stargate Pasific Resources Konawe Utara*.
- Ménard, A. D., & Trant, J. F. (2019). A Review and Critique of Academic Lab Safety Research. *Nature Chemistry*, 12(1), 1–9. <https://doi.org/10.1038/s41557-019-0375-x>
- Nasrallah, I. M., El Kak, A. K., Ismail, L. A., Nasr, R. R., & Bawab, W. T. (2022). Prevalence of Accident Occurrence Among Scientific Laboratory Workers of the Public University in Lebanon and the Impact of Safety Measures. *Safety and Health at Work*, 13(2), 155–162. <https://doi.org/10.1016/j.shaw.2022.02.001>
- Nasrallah, I., Sabbah, I., Haddad, G., Ismail, L., & Kotaich, J. (2023). Evaluating the academic scientific laboratories' safety by applying failure mode and effect analysis (FMEA) at the public university in Lebanon. *Heliyon*, e21145. <https://doi.org/10.1016/j.heliyon.2023.e21145>
- OHSAS. (2007). OHSAS 18001:2007 - Occupational health and safety management systems – Requirements - ICS 03.100.01: 13.100. In *Occupational Health and Safety Assessment Series* (p. 34)
- Olewski, T., & Snakard, M. (2017). Challenges in Applying Process Safety Management at University Laboratories. *Journal of Loss Prevention in the Process Industries*, 49, 209–214. <https://doi.org/10.1016/j.jlp.2017.06.013>
- Patel, J. K. (2021). The Importance of Equipment Maintenance Forecasting. *International Journal of Mechanical Engineering*, 8(5), 7–11. <https://doi.org/10.14445/23488360/ijme-v8i5p102>

Klausul 4, 5, 7, dan 10 di Universitas “X.” Perancangan Manual SMK3 Berdasarkan ISO 45001:2018:Klausul 4, 5, 7, Dan 10 Di Universitas “X,” 45001(2), 497–504

Purwanto, A., Asbari, M., Novitasari, D., Fahmi, K., Mustofa, A., Rochmad, I., & Sri Wahyuni, I. (2021). Peningkatan Keselamatan Kerja Melalui Pelatihan ISO 45001:2018 Sistem Manajemen Keselamatan dan Kesehatan Kerja Pada Industri Manufaktur di Tangerang. *Journal of Community Service and Engagement*, 01(02), 1–6

Rahayu, R. A., Purwanti, R. S., & Yustini, I. (2019). Pengaruh Program Occupation Healt and Safety terhadap Kinerja Pegawai. *Business Management and Entrepreneurship Journal*, 1(4), 44–59. http://repository.usd.ac.id/32704/2/122214076_full.pdf

Ramos, D., Afonso, P., & Rodrigues, M. A. (2020b). Integrated management systems as a key facilitator of occupational health and safety risk management: A case study in a medium sized waste management firm. *Journal of Cleaner Production*, 262, 1–11. <https://doi.org/10.1016/j.jclepro.2020.121346>

Ridasta, B. (2020). Penilaian Sistem Manajemen Keselamatan dan Kesehatan Kerja di Laboratorium Kimia. *HIGEIA Journal of Public Health Research and Development*, 4(1), 64–75. <https://doi.org/10.15294/higeia/v4i1/33891>

Rinaldi, S. F., & Mujiyanto, B. (2017). Metodologi Penelitian dan Statistik. In *Pusat Pendidikan Sumber Daya Manusia Kesehatan*. Kementerian Kesehatan Republik Indonesia. <https://doi.org/10.16309/j.cnki.issn.1007-1776.2003.03.004>

Rizbudiani, A. D., & Jaedun, A. (2021). Occupational Health and Safety Management System (SMK3) at the Workshop of Vocational High Schools. *Jurnal Pendidikan Vokasi*, 11(3), 326–336

Rofifa, A. T., Alayyannur, A., & Haqi, D. N. (2019). Analysis of Factors Related to Use of Personal Protective Equipment (PPE) in Laboratory. In *Malaysian Journal of Medicine and Health Sciences* (Vol. 15, Issue 3)

Salazar-Escoboza, M. A., Laborin-Alvarez, J. F., Alvarez-Chavez, C. R., Noriega- Orozco, L., & Borbon-Morales, C. (2020). Safety Climate Perceived by Users of Academic Laboratories in Higher Education Institutes. *Safety Science*, 121, 93–99. <https://doi.org/10.1016/j.ssci.2019.09.003>

Salguero-Caparrós, F., Pardo-Ferreira, M. C., Martínez-Rojas, M., & Rubio- Romero, J. C. (2020). Management of Legal Compliance in Occupational Health and Safety. A Literature Review. *Safety Science*, 121, 111–118.

- Schröder, I., Huang, D. Y. Q., Ellis, O., Gibson, J. H., & Wayne, N. L. (2015). Laboratory Safety Attitudes and Practices: A Comparison of Academic, Government, and Industry Researchers. *Journal of Chemical Health and Safety*, 1–12. <https://doi.org/10.1016/j.jchas.2015.03.001>
- Su, L. (2022). Construction of University Laboratory Safety Management System- Taking Youjiang Medical University for Nationalities as an Example. *Journal of Innovation and Development*, Vol. 1(1), 5–9.
- Sutton, J., & Austin, Z. (2015). Qualitative Research: Data Collection, Analysis, and Management. *The Canadian Journal of Hospital Pharmacy*, 68(3), 226– 231.
- Urban, K. (2000). Prevention of Accidents Through Experience Feedback. In *Taylor & Francis* (Vol. 7, Issue 1). CRC Press
- Vianna, E. L. F., De Figueiredo, V. V., Da Silva, C. M. F., Bertolino, L. C., & Spinelli, L. (2022). Impact of implementing quality control systems in laboratories associated with teaching and research institutions - The case study of the laboratory for macromolecules and colloids in the petroleum industry. *International Journal of Metrology and Quality Engineering*, 13. <https://doi.org/10.1051/ijmqe/2022004>
- Wardhani, E., & Triatmaja, A. P. (2021). Identifikasi dan Kualifikasi Limbah Bahan Berbahaya dan Beracun (LB3) Pada Industri X di Kota Bandung. *Serambi Engineering*, 6(3), 2128–2134. <https://doi.org/10.32672/jse.v6i3>
- Xu, C., Guo, L., Wang, K., Yang, T., Feng, Y., Wang, H., Li, D., & Fu, G. (2023). Current challenges of university laboratory: Characteristics of human factors and safety management system deficiencies based on accident statistics. *Journal of Safety Research*, 86, 318–335. <https://doi.org/10.1016/j.jsr.2023.07.010>
- Yang, Y., Reniers, G., Chen, G., & Goerlandt, F. (2019). A Bibliometric Review of Laboratory Safety in Universities. *Safety Science*, 120, 14–24. <https://doi.org/10.1016/j.ssci.2019.06.0>