

DAFTAR PUSTAKA

- Al Rosyid, H., Handayasari, I. & Hariyanto, S.T., 2015. *Analisa water hammer pada pipa sirkulasi condensate extraction pump PT PJB UBJOM PLTU Indramayu*.
- ASME, 2014. *ASME B31.3 Process Piping Guide*. Los Alamos National Laboratory (LANL) Engineering Standards Manual, STD-342-100, Chapter 17 – Pressure Safety. New York: The American Society of Mechanical Engineers.
- ASME, 2019. *ASME B31.4 Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids*. New York: The American Society of Mechanical Engineers.
- Azhari, I.M., 2018. *Penggunaan surge tank sebagai alternatif pencegahan water hammer pada instalasi pengolahan air minum (Studi kasus di Rumah Pompa Produksi Unit Instalasi Pengolahan Air Minum (IPAM) Karang Pilang 1 PT. PDAM Surya Sembada Surabaya)*.
- Bagas, P., 2024. *Studi eksperimen evaluasi kavitasi dan performa kerja pompa sentrifugal Moswell Aqua 175 pada pompa tunggal dengan variasi debit*.
- Duggirala, R.K., Roy, C.J., Saeidi, S.M., Khodadadi, J.M., Cahela, D.R. and Tatarchuk, B.J., 2008. Pressure drop predictions in microfibrous materials using computational fluid dynamics. *Journal of Fluids Engineering*, 130(7), 071302. American Society of Mechanical Engineers (ASME). DOI: 10.1115/1.2948363
- Eka Putra, I., Wardianto, D. & Pratama, A., 2024. Variasi ketinggian sumber air terhadap tekanan dan debit air pompa hidram. *Jurnal Teknologi dan Vokasi*, 2(2), pp.77–83. <https://doi.org/10.21063/jtv.2024.2.2.77-83>
- Fox, Robert & Mc Donald, Alan T. 2010. *Introduction To Fluid Mechanics*, 8th edition. New York : John Wiley and Sons,inch.
- Idul, Mangalla, L.K. & Barata, L.O.A., 2021. Pengujian water hammer pada berbagai tekanan hidrostatik. *ENTHALPY: Jurnal Ilmiah Mahasiswa Teknik Mesin*, 6(3), pp.92–99.
- Jalaluddin, Akmal, S., Za, N. & Ishak, 2019. Analisa profil aliran fluida cair dan pressure drop pada pipa L menggunakan metode simulasi computational fluid dynamic (CFD). *Jurnal Teknologi Kimia Unimal*, 8(2), pp.53–72. <http://ojs.unimal.ac.id/index.php/jtk>
- Junita, B., Intang, A. & Ependi, S., 2024. Pengaruh kecepatan aliran udara terhadap penurunan tekanan pada saluran pipa 3 inci. *SINERGI Polmed: Jurnal Ilmiah Teknik Mesin*. <http://ojs.polmed.ac.id/index.php/Sinergi/index>
- Kumar Patel, A., 2016. Experimental Study of Water Hammer Pressure in a Commercial Pipe. *IOSR Journal of Mechanical and Civil Engineering*, 16, 16–21.

- Kodura, A. (2016) 'An Analysis of the Impact of Valve Closure Time on the Course of Water Hammer', *Archives of Hydro-Engineering and Environmental Mechanics*, 63(1), pp. 35–45. doi: 10.1515/heem-2016-0003.
- Mahardhika, P., 2018. Penerapan metode time history untuk fenomena water hammer. *Jurnal Teknologi Maritim*, 1(2), pp.37–44.
<https://doi.org/10.35991/jtm.v1i2.432>
- Musa, M. N., Samion, S., Kameil, M., Hamid, A., Aiman, W. M., Yahya, W., & Paiman, E. (2018). Study on Water Hammer Effect in Turbulent Flow through the Pipe System. *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences Journal Homepage*, 50(2), 122–133.
- Nahan, V.A., Putra, T.E. & Coenraad, R., 2023. Optimization model for using water flow in hydram pump storage barrels as a source of sustainable electricity generation on a laboratory scale. *BALANGA: Jurnal Pendidikan Teknologi dan Kejuruan*, 11(2), pp.149–156.
<https://doi.org/10.37304/balanga.v11i2.11742>
- Nugraha, F.Z. & Ikhwan, N., 2017. Analisa pengaruh jarak sistem proteksi water hammer pada sistem perpipaan (Studi kasus di Rumah Pompa Produksi Unit Instalasi Pengolahan Air Minum (IPAM) Karang Pilang 3 Distribusi Wonocolo PT. PDAM Surya Sembada Surabaya). *Jurnal Teknik ITS*, 6(2), pp.2337–3520.
- Nuraeni, A., Wulandari, S., Azzahra, U.H., Ardianti, R. & Maulidah, A., 2020. Uji eksperimen efisiensi kerja pada rancangan hydraulic ram pump dengan water hammer. *Diffraction: Journal for Physics Education and Applied Physics*, 2(1).
<http://jurnal.unsil.ac.id/index.php/Diffraction>
- Pattiasina, M., Pattykayhattu, E.B. & Lekatompessy, R.R., 2023. Evaluasi unjuk kerja pompa produk avtur di Integrated Terminal PT Pertamina Patra Niaga Wayame Ambon. *Journal Mechanical Engineering (JME)*, 1(2), pp.105–111.
<https://qph.cf2.quoracdn.net/main-qimg-d2f879f77c58595867e144b7d78f1373-lq>
- Prasetya, H., Nur, D., Jurusan, I. & Mesin, T., 2016. Evaluasi unjuk kerja sistem proteksi water hammer pada sistem perpipaan (Studi kasus di Rumah Pompa Produksi Unit Instalasi Pengolahan Air Minum (IPAM) Karang Pilang 2 PT. PDAM Surya Sembada Surabaya). *Jurnal Teknik ITS*, 5(2).
- Prasetyo, A., & Yuliani, R., 2022. *Buku Ajar Statistik I*. Yogyakarta: Deepublish.
- Rohman, F. & Khusna, D., 2019. Studi eksperimental pengaruh variasi tinggi re-entrance terhadap efek water hammer pada variasi pembebanan disk valve.
- Rukmi, P.A. (2018) *Perencanaan Ulang Instalasi Pompa Sirkulasi dari Barometric Condenser Menuju ke Suction Reservoir Cooling Tower pada Industri Kosmetik*. Tugas Akhir, Institut Teknologi Sepuluh Nopember, Surabaya.

- Rusmana, Runisa, S.R. & Melati, R., 2016. Potensi tekanan water hammer pada pipa PVC 1,5 in sebagai drive pipe untuk pompa hidram. *Jurnal Teknik Energi*, 6(2), pp.536–540.
- Sotoodeh, K., 2023. The mathematical analysis and review of water hammering in check valves in offshore industry. *Journal of The Institution of Engineers (India): Series C*, 104(4), pp.879–885. <https://doi.org/10.1007/s40032-023-00965-6>
- Tel, K., Saragih, P.P., Ghurri, A., Jimbaran, B. & Abstrak, B., 2019. Pengaruh variasi diameter pipa transmisi terhadap tekanan balik yang terjadi pada sistem pompa. *Jurnal Ilmiah Teknik Desain Mekanika*, 8(4).
- Walters, T.W. & Leishear, R.A., 2018. When the Joukowsky equation does not predict maximum water hammer pressures. *Proceedings of the ASME 2018 Pressure Vessels and Piping Conference (PVP2018)*
- Wasiran, Y., Yudisworo, W.D. & Prihastuty, E., 2022. Pengujian performansi jenis pompa sentrifugal dengan daya 3 HP. *MESTRO Jurnal*, 4(2), pp.21–30.
- Webb, T.H., 1981. *Waterhammer control in pipelines*. s.l.: James Hardie & Coy Pty. Ltd.
- Wirandi, M., Saputra, D. & Supardi, S., 2024. Design and development of a pipeline maintenance system for pipe surge and water hammer equipment based on Siemens S7-1200 PLC. *Jurnal Teknologi dan Manajemen*, 22(2), pp.31–36. <https://doi.org/10.52330/jtm.v22i2.279>
- Wylie, E.B., Streeter, V.L. & Suo, L., 1993. *Fluid transients in systems*. Englewood Cliffs, New Jersey: Prentice-Hall, Inc.