DAFTAR PUSTAKA

Aaron (2021) *R717 Refrigerant Grade Liquid Anhydrous Ammonia Gas*. Available at: https://indonesian.industrial-ammonia.com/quality-10335624-r717-refrigerant-grade-liquid-anhydrous-ammonia-gas.

Aura Marine (2017) *HT-water preheating unit (APU)*. Available at: https://www.auramarine.com/marine-industry/auxiliary-units/ht-water-preheating-units-apu/.

Aziz (2021) *Tarif Tanker LNG Tembus USD350 Ribu, Pantau Emiten Pelayaran!* Available at: https://pasardana.id/news/2021/1/21/tarif-tanker-lng-tembus-usd350-ribu-pantau-emiten-pelayaran/.

Budiyanto, M.A., Nasruddin and Nawara, R. (2020) 'The optimization of exergoenvironmental factors in the combined gas turbine cycle and carbon dioxide cascade to generate power in LNG tanker ship', *Energy Conversion and Management*, 205(October 2019), p. 112468. Available at: https://doi.org/10.1016/j.enconman.2020.112468.

Cao, Y., Rattner, A.S. and Dai, Y. (2018) 'Thermoeconomic analysis of a gas turbine and cascaded CO2 combined cycle using thermal oil as an intermediate heat-transfer fluid', *Energy*, 162, pp. 1253–1268. Available at: https://doi.org/10.1016/j.energy.2018.08.110.

Carey, S. (2020) *Why were the SS Normandie's funnels wide and short rather than the taller cylindrical funnel design?* Available at: https://www.quora.com/Why-were-the-SS-Normandie-s-funnels-wide-and-short-rather-than-the-taller-cylindrical-funnel-design.

Cengel, Y.A and Boles, M.A. (2006) *Thermodynamics An Engineering Approach*. 5th edn.

Chien, N.B. *et al.* (2017) 'Boiling Heat Transfer of R32, CO2 and R290 inside Horizontal Minichannel', *Energy Procedia*, 105, pp. 4822–4827. Available at: https://doi.org/10.1016/j.egypro.2017.03.955.

Chongqing Gathering Marine Equipment Co., L. (2007) *Marine Pressure Water Tank Steam-Electric Heating Hot Water Tank*. Available at: https://hangyumarine.en.made-in-china.com/product/fBCEhXWbfskG/China-Marine-Pressure-Water-Tank-Steam-Electric-Heating-Hot-Water-Tank.html.

Çolak, K. and Ölmez, H. (2023) 'Thermodynamic and feasibility analysis of using diesel generator exhaust gases for ship main engine preheating at port periods', *Applied Thermal Engineering*, 235(July). Available at: https://doi.org/10.1016/j.applthermaleng.2023.121429.

Du, Y. *et al.* (2024) 'Innovative ammonia blended natural gas fueled gas turbine − spilt transcritical CO2 cycle combined system based on dual-temperature CO2 turbines: Energy, environmental and economic performance trade-off', *Energy Conversion and Management*, 313(January), p. 118608. Available at:

https://doi.org/10.1016/j.enconman.2024.118608.

Dubey, U. (2010) *Phase: Single Phase Marine Steam Condenser*. Available at: https://www.indiamart.com/proddetail/marine-steam-condenser-17418507112.html.

Ejaz (2016) *Reconditioned Used Marine Ship Air Compressor Supplier India*. Available at: https://www.indiamart.com/proddetail/reconditioned-used-marine-ship-air-compressor-supplier-india-19792815388.html.

European Defence Review (2020) *GE Marine to Provide Gas Turbine Engines to Fincantieri for Constellation Class Frigates*. Available at: https://www.edrmagazine.eu/ge-marine-to-provide-gas-turbine-engines-to-fincantieri-for-constellation-class-frigates.

Fadli, R. (2022) *Ini Fungsi dan Bahaya CO2 pada Tubuh Manusia*. Available at: https://www.halodoc.com/artikel/ini-fungsi-dan-bahaya-co2-pada-tubuh-manusia.

Gardner, F.J. *et al.* (2000) 'SOFC technology development at Rolls-Royce', *Journal of Power Sources*, 86(1), pp. 122–129. Available at: https://doi.org/10.1016/S0378-7753(99)00428-0.

Halff, A., Younes, L. and Boersma, T. (2019) 'The likely implications of the new IMO standards on the shipping industry', *Energy Policy*, 126(November 2018), pp. 277–286. Available at: https://doi.org/10.1016/j.enpol.2018.11.033.

He, J. *et al.* (2024) 'Effect of heaving motion on thermal efficiency of the supercritical CO2 Brayton cycle', *Applied Thermal Engineering*, 245(February), p. 122821. Available at: https://doi.org/10.1016/j.applthermaleng.2024.122821.

Hu, Z., Chen, Y. and Zhang, C. (2024) 'Role of R717 blends in ocean thermal energy conversion organic Rankine cycle', *Renewable Energy*, 221(October 2023), p. 119756. Available at: https://doi.org/10.1016/j.renene.2023.119756.

Ji, S. *et al.* (2024) 'Energy, exergy, environmental and exergoeconomic (4E) analysis of an ultra-low temperature cascade refrigeration system with environmental-friendly refrigerants', *Applied Thermal Engineering*, 248(PA), p. 123210. Available at: https://doi.org/10.1016/j.applthermaleng.2024.123210.

Jiang, Y. *et al.* (2023) 'Assessment and optimization of a novel waste heat stepped utilization system integrating partial heating sCO2 cycle and ejector refrigeration cycle using zeotropic mixtures for gas turbine', *Energy*, 265(December 2022), p. 126326. Available at: https://doi.org/10.1016/j.energy.2022.126326.

Kahraman, M., Olcay, A.B. and Sorgüven, E. (2019) 'Thermodynamic and thermoeconomic analysis of a 21 MW binary type air-cooled geothermal power plant and determination of the effect of ambient temperature variation

on the plant performance', *Energy Conversion and Management*, 192(April), pp. 308–320. Available at: https://doi.org/10.1016/j.enconman.2019.04.036.

KaranC (2019) *8 Ways to Achieve Efficient Combustion in Marine Engines*. Available at: https://www.marineinsight.com/main-engine/8-ways-to-achieve-efficient-combustion-in-marine-engines/.

Khan, M.N. and Tlili, I. (2019) 'New approach for enhancing the performance of gas turbine cycle: A comparative study', *Results in Engineering*, 2(February), p. 100008. Available at: https://doi.org/10.1016/j.rineng.2019.100008.

Liang, Y. *et al.* (2023) 'Thermodynamic and economic analysis of refrigerant mixture R290/R1234ze used in an ORC-EERC system for low temperature heat sources', *Applied Thermal Engineering*, 229(April), p. 120635. Available at: https://doi.org/10.1016/j.applthermaleng.2023.120635.

Liu, Q. *et al.* (2022) 'Comprehensive assessment and performance enhancement of compressed air energy storage: thermodynamic effect of ambient temperature', *Renewable Energy*, 196, pp. 84–98. Available at: https://doi.org/10.1016/j.renene.2022.06.145.

Ndamé Ngangué, M. *et al.* (2023) 'Working fluid selection for a high efficiency integrated power/cooling system combining an organic Rankine cycle and vapor compression-absorption cycles', *Energy*, 277(April). Available at: https://doi.org/10.1016/j.energy.2023.127709.

Oorka (2017) *Metana*. Available at: https://www.istockphoto.com/id/foto/metana-gm639849686-115565407.

Peng, X. *et al.* (2021) 'Remote detection sulfur content in fuel oil used by ships in emission control areas: A case study of the Yantian model in Shenzhen', *Ocean Engineering*, 237(May), p. 109652. Available at: https://doi.org/10.1016/j.oceaneng.2021.109652.

Sedighpour, A. *et al.* (2024) 'Optimization of a combined gas turbine and steam Rankine cycle utilizing the chemical looping combustion (CLC) reactor for CO2 capture and Storage: Towards enhanced efficiency and Cost-Effectiveness', *Fuel*, 371(PB), p. 132015. Available at: https://doi.org/10.1016/j.fuel.2024.132015.

Shah, H. and Kapadia, R. (2012) *PARAMETRIC EVALUATION OF A CASCADE REFRIGERATION SYSTEM WITH DIFFERENT REFRIGERANT PAIRS FOR LOW TEMPERATURE APPLICATIONS*.

Shan, S., Zhou, Z. and Cen, K. (2019) 'An innovative integrated system concept between oxy-fuel thermo-photovoltaic device and a Brayton-Rankine combined cycle and its preliminary thermodynamic analysis', *Energy Conversion and Management*, 180(November 2018), pp. 1139–1152. Available at: https://doi.org/10.1016/j.enconman.2018.11.040.

Sili (1999) *ABOUT US, marine pump supplier & manufacturer*. Available at: http://silipump.com/marine-pump-supplier-manufacturer/.

Singh, D.V. and Pedersen, E. (2016) ‘A review of waste heat recovery technologies for maritime applications’, *Energy Conversion and Management*, 111(X), pp. 315–328. Available at: https://doi.org/10.1016/j.enconman.2015.12.073.

Vezzoni, R. (2024) ‘How “clean” is the hydrogen economy? Tracing the connections between hydrogen and fossil fuels’, *Environmental Innovation and Societal Transitions*, 50(February), pp. 1–16. Available at: https://doi.org/10.1016/j.eist.2024.100817.

Xiamen Yuda Chemical & Equipment Co, L. (1988) *Refrigeran Propane R290 Yang Digunakan Dalam Transportasi Refrigerasi*. Available at: https://id.fluorined-chemical.com/refrigerants/propane-r290-refrigerant-used-in-transport.html.

Yang, M.H. and Yeh, R.H. (2022) ‘Investigation of the potential of R717 blends as working fluids in the organic Rankine cycle (ORC) for ocean thermal energy conversion (OTEC)’, *Energy*, 245, p. 123317. Available at: https://doi.org/10.1016/j.energy.2022.123317.

Yin, F. and Rao, A.G. (2020) ‘A review of gas turbine engine with inter-stage turbine burner’, *Progress in Aerospace Sciences*, 121(x), p. 100695. Available at: https://doi.org/10.1016/j.paerosci.2020.100695.

Yuan, Q., Wang, S. and Peng, J. (2023) ‘Operational efficiency optimization method for ship fleet to comply with the carbon intensity indicator (CII) regulation’, *Ocean Engineering*, 286(P1), p. 115487. Available at: https://doi.org/10.1016/j.oceaneng.2023.115487.

Zou, L. and Yu, J. (2024) ‘4E assessment of ejector-enhanced R290 heat pump cycle with a sub-cooler for cold region applications’, *Energy*, 298(March), p. 131369. Available at: https://doi.org/10.1016/j.energy.2024.131369.