

DAFTAR PUSTAKA

- A., Riva Y. 2019. *Studi Eksperimental Pengaruh Submergence Ratio dan Debit Udara Masuk Terhadap Kinerja Airlift Pump Microbubble Generator Type Dua Fasa Liquid-Gas*. Yogyakarta, Indonesia: Departemen Teknik Mesin dan Industri Fakultas Teknik UGM.
- Abou Taleb, F. and Al-jarrah, J. 2017. "Experimental Study of an Airlift Pump. E." *Engineering Technology and Applied Science Research*, 7(3) 1676–1680.
- Davis, G.J. and Weidner, C.R. 1914. *An Investigation of the Airlift Pump*. University of Wisconsin.
- Hu, D., Tang, C.L., Cai, S.P. and Zhang, F.H. 2012. "The effect of air injection method on the airlift pump performance." *Journal of Fluids Engineering* 134, no. 11 111302.
- Kassab, S.Z., Kandil, H.A., Warda, H.A. and Ahmed, W.H. 2007. "Experimental and analytical investigations of airlift pumps operating in three-phase flow." *Chemical Engineering Journal* 273-281.
- Khalil, M.F., Elshorbagy, K.A., Kassab, S.Z. and Fahmy, R.I. 1999. "Effect of air injection method on the performance of an airlift pump." *International Journal of Heat and Fluid Flow*, 20(6) 598-604.
- Kim, S. H., Sohn, C. H., & Hwang, J. Y. 2014. "Effects of tube diameter and submergence ratio on bubble pattern and performance of air-lift pump." *International Journal of Multiphase Flow*, 58 195–204.

- Mahrous, A.F. 2014. "Performance of airlift pumps: single-stage vs. multistage air injection." *American Journal of Mechanical Engineering*, 2(1) 28-33.
- Nicklin, J.D. 1963. "The Airlift Pump Theory and Optimization." *Int.Chem.Eng.* 41: 29-39.
- Pougatch, K., Salcudean, M.,. 2008. "Numerical Modelling of Deep Sea Air-lift." *Ocean Engineering*, Vol. 35 1173-1182.
- S., Agung. 2019. *Studi Eksperimental Kinerja Air-lift Pump Dua Fase Gas-Liquid Dengan dan Tanpa Microbubble Generator Berdasarkan Variasi Submergence Ratio dan Debit Udara Masuk*. Yogyakarta, Indonesia : Departemen Teknik Mesin dan Industri UGM.
- Sadatom, M., Kawahara, A. and Nishiyama, T. 2012. "Experiment and performance prediction of bubble-jet type air-lift pump for dredging sediments on sea and lake beds." *Advances in Fluid Mechanics and Heat Transfer* 311-6.
- Taleb, Fawzy Sh. Abou., Al-Jarrah, Jawdat A. 2017.
- Thoma, P., Landry, B., Swatschina, C. 1996. "Field Results of Waterflood Enhancement Using a Gas Lifting Strategy. ,Jun10–12." *Annual Technical Meeting*.
- Tighzert, Hamid, Malek Brahimi, Nassima Kechroud, and Farida Benabbas. 2013. "Effect of Submergence Ratio on the Liquid Phase Velocity, Efficiency and Void Fraction in an Air-lift Pump." *Journal of Petroleum Science and Engineering* 155–161.
- Yoshinaga, T. and Sato, Y. 1996. "Performance of an air-lift pump for conveying coarse particles." *International journal of multiphase flow*, 22(2) 223-238.