

## DAFTAR PUSTAKA

- Brater E.F., King H.W., Lindell J.E., Wei C.Y., 1996, *Handbook of Hydraulics seventh edition*, McGraw-Hill International Edition, United States of America.
- Iriawan, A.G.W., 2012, Studi Eksperimen Optimasi *Suction Volume Air Room* dan Posisi Aksial Bola Pejal pada *Micro-bubble Generator*, Universitas Gadjah Mada, Indonesia.
- Kassab, S.Z., Kandil, H.A., Warda, H.A., Ahmed, W.H., 2009, *Air-Lift Pumps Characteristics Under Two-Phase Flow Conditions*, International Journal of Heat and Fluid Flow, pp. 88-98.
- Lee, R.R., Flanges, Fiting, & Piping Data, 1999, Third Edition, Gulf Publishing Company, Houston, Texas
- Lecoffre, Y., Domene., Marcoz, J., 1985, '*Microbubble Injector*', US Patent US4556523.
- Li, P., 2006, '*Development of Advanced Water Treatment Technology Using Microbubbles*', Keio University.
- Ohnari, H., *Water Purification of Ocean Environment and Revival of Fisheries Cultivation Using Micro Bubble Technology*, 2002, The 21st Symposium on Multiphase Flow, Nagoya, Japan, July.
- Prabowo, I.A., 2014, Studi Eksperimental Pemanfaatan *Micro-Bubble Generator* sebagai *Air Lift Pump* untuk Aplikasi Pengangkatan Endapan Partikel dalam Air, Universitas Gadjah Mada, Indonesia.
- Putradi, Fauzan, 2014, Studi Eksperimental Pengaruh Variasi Geometri Nozzle Pada *Microbubble Generator Airlift pump* Terhadap Performa *Microbubble Generator Air-lift Pump* Untuk Aplikasi Pengangkatan Endapan Partikel Padat Dalam Air, Universitas Gadjah Mada, Indonesia
- Sadatom, M., Kawahara, A., Matsuura, H., Shikatani, S., 2008, *Micro-bubble Generation and Bubble Dissolution in Water by a Multi-Fluid Mixer with Orifice and Porous Tube*, Kumamoto University, Japan.
- Sadatom, M., Kawahara, A., Nishiyama, T., 2012, *Experiment and Performance Prediction of Buble-Jet Type Air-Lift Pump for Dredging Sediments on Sea and Lake Beds*. pp. 311-316.



**STUDI EKSPERIMENTAL PENGARUH VARIASI SUDUT INTAKE TERHADAP LIFTING RATE  
ENDAPAN BATUBARA PADA  
MICROBUBBLE GENERATOR AIRLIFT PUMP UNTUK APLIKASI PENGANGKATAN PARTIKEL PADAT  
DALAM AIR**

BARDAN SALAM AHMAD, Dr. Deendarlianto S.T, M.Eng

Universitas Gadjah Mada, 2016 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Sadatomi, M., Kawahara, A., Nishiyama, T., 2012, *Bubble-Jet-Type Air-Lift Pump for Pumping Water and Sediments Deposited on Lake and Sea Beds*, Vol 27, pp. 141-151.