



DAFTAR PUSTAKA

- Adey, R.A., Baynham, J., 1990, Design and Optimisation of Cathodic Protection Systems Using Computer Simulation, *Researchgate*, Computational Mechanics BEASY, Ashurst Lodge, Southampton, Hampshire, SO40 7AA, UK
- Adey, R.A., Niku, S.M., Brebbia, C.A., Finnegan, J., 1985, Computer aided design of cathodic protection systems. *International Conference on Boundary Element Methods in Engineering Systems*, Villa Olmo, Lake Como, Italy, 24–27th Sept.
- Artana, K.B., 2009, Penilaian Resiko Pipa Gas Bawah Laut Ujung Pangkah-Gresik Dengan Standard DNV RP F107, *Jurnal Teknik Mesin*, Vol. 9, No. 1.
- Cramer, S.D. and Covino, Jr., B.S., 2013, *ASM Handbook*, Corrosion: Fundamentals, Testing, and Protection, Vol. 13A.
- Cunha, S.B., 2012, Comparison and Analysis of Pipeline Failure Statistics, *International Pipeline Conference*, IPC2012-90186.
- Delina, M., 2007, Computer Program for Designing Cathodic Protection System Sacrificial Method, *Departemen Teknik Elektro*, Universitas Indonesia.
- DNVGL-RP-B401, *Cathodic Protection Design*, Edition June 2017
- El-Lateef, A.H.M., Abbasov, V.M., Aliyeva, L.I., and Ismayilov, T.A., 2012, Corrosion Protection of Steel Pipelines Against CO₂ Corrosion-A Review, *Chemistry Journal*, Vol. 02, Issue 02, pp. 52–63.
- Fontana, M.G., 1987, *Corrosion Engineering*, International Edition, 3rd, Mc Graw Hill-Book Company, USA.
- Freundlich, W.J., 2006, Current and Potential Relation for the Cathodic Protection of Steel, *J. Research*, NBS 47, 104, RP 2233, Corrosion Science.
- Funahashi, M., 1996, Cathodic Polarization Behavior of Anode and Cathode in Steel Embedded in Concrete, *The NACE International Annual Conference and Exposition*, pp. 317, Houston, Texas 77216-8340.
- Gibran, K., dan Rustandi, A., 2015, A Case Study for Upgrading Design Cathodic Protection for Tank Bottom, *Quality in Research*, pp. 340-346, University of Indonesia.
- Gibson, G., Walsh, M., and Wolfson, S., 2011, Novel Cathodic Protection of Subsea Flowlines and Risers, *Shell Internation Exploration Inc*, Houston,



Hameed, K.W., Yaro, A.S., Khadom, A.A., 2015, Mathematical Model for Cathodic Protection in A Steel-Saline Water System, *Journal of Taibah University for Science 10 (2016) 64–69*, University of Baghdad, Aljadrea 71001, Baghdad, Iraq

Hartt, W.H., and Chu, W., 2005, Design of Cathodic Protection Systems for Deep Water Compliant Petroleum Production Risers, *United States Department of the Interior, Minerals Management Service*, 381 Elden Street Herndon, Virginia 20170-4817

Hopkins, P., 2008, Learning from Pipeline Failures. *Penspen Integrity Virtual Library*, Unit 7-8, United Kingdom.

ISO-15589-2-2004, *Petroleum, petrochemical and natural gas industries — Cathodic protection of pipeline transportation systems*, Second edition 2012-12-01, International Standard

Jones, D.A., 1996, *Principles and prevention of corrosion*, 2nd ed., Prentice Hall, New Jersey.

Lam, C., 2015, Statistical Analyses of Historical Pipeline Incident Data with Application to the Risk Assessment of Onshore Natural Gas Transmission Pipelines, *Electronic Thesis and Dissertation Repository*, The University of Western Ontario.

Lan, Z., Wang, X., and Hou, B., 2011, Simulation of sacrificial protection for steel platform using boundary element method, *Elsevier Ltd*, China.

Montoya, R., Aperador, W., Bastidas, D.M., 2005, Mathematical simulation of a cathodic protection system by finite element method, *Material and Corrosion Conference*, article no 3854.

Muhlbauer, W.K., 2004. *Pipeline Risk Management Manual: Ideas, Techniques, and Resources*, 3rd Ed, Elsevier Science.

Mujezinovic, A., Turkovic, I., and Muharemović, A., S, 2016, Modeling of Galvanic Cathodic Protection System with Dynamic Polarization Characteristics, *International Journal of Chemistry and Chemical Engineering Systems*, University of Sarajevo.

Myers, J.R. and Cohen, A., 1984, Conditions Contributing to underground Copper Corrosion, *American Water Works Association*, Houston.

Ning, J., Zheng, Z., Young, D., 2013, A Thermodynamic Study of Hydrogen Sulfide Corrosion of Mild Steel, *NACE Conference Corrosion Science Section*, Vol. 70, No 4, USA.



- Orazem, M.E., Esteban, J.M., Kennelley, K.J., Degerstedt, R.M., 1997. Mathematical models for cathodic protection of an underground pipeline with coating holidays:2, *Case studies of parallel anode CP systems*, Corrosion 53, 427–436.
- Parsa, M.H., Allahkaram, S.R., Ghobadi A.H., 2010, Simulation of cathodic protection potential distributions on oil well casings, *Journal of Petroleum Science and Engineering*, Elsevier.
- Peabody, A.W., 2005, Control of Pipeline Corrosion, *NACE International the Corrosion Society*, Houston, Texas –77084.
- Putra, G.F.S., 2016, Evaluasi Sistem Proteksi Korosi pada Tiang-Tiang Pancang (*Piles*) Dermaga (*Oil Wharves*), Universitas Indonesia.
- Ramli, 2010, Protection of steel piling in marine splash and spray zone-Metallic sheathing concept, *Proceeding 4th international congress on marine corrosion and fouling*, pp. 461-473. France.
- Riemer, D.P. and Orazem, M.E., 2005, A Mathematical Model for The Cathodic Protection of Tank Bottom, *Corrosion Science* 47 (2005) 849–868, OLI Systems, Inc., 108 American Way, Morris Plains, NJ, USA.
- Riemer, P. D., 2000. Modeling Cathodic Protection for Pipeline Networks, *PHD Thesis*, University of Florida.
- Roberge, P.R., 1999, *Handbook of Corrosion Engineering*, Chapter 11. Cathodic Protection, p. 863, McGraw-Hill, New York.
- SP0775-2013, Preparation, Installation, Analysis, and Interpretation of Corrosion Coupons in Oilfield Operations, *NACE International the Corrosion Society*, Houston, Texas 77084-4906.