

## DAFTAR PUSTAKA

- Amarnath,S.N., Upadhyay, Namboodhiri,T.K.G., 2003, Effect of thermal and mechanical treatment on corrosion of API X-52 grade line pipe steel in flowing 3.5 % NaCl solution., *Indian Journal of Chemical Technology*,Vol 10 November 2003, pp 611- 614.
- Amira, N. B. M. R 2015, A Study On The Performance of Splash Zone Coating System, Universiti Teknologi PETRONAS, Malaysia.
- API. (2013). *Specification for Line Pipe. In API Specification 5L*.
- Artigas, A., Monsalve,A., Sipos, K., Bustos,O., Mena, J., Seco, Montes de Oca, N.G. 2015, Development of accelerated wet-dry cycle corrosion test in marine environment for weathering steel, *researchgate. net*, Corrosion Engineering Science and Technology, February 2015.
- Bai, Y., 2001, Pipelines and Risers, *Elsevier Ocean Engineering Book Series Volume 3*.
- Bhandari, J, Khan, F., Abbasi, R., Garaniya, V., Ojeda, R, 2015, Modelling of pitting corrosion in marine and offshore steel structures - A technical review, *Journal of Loss Prevention in the Process Industries 37* (2015) 39-62.
- Cervantes, T., Salcedo, J. G., Velázquez, G.,J. L. G., Cruz, M. D., 2014, Corrosion Rates of API 5L X-52 and X-65 Steels in Synthetic Brines and Brines with H<sub>2</sub>S as a Function of Rate in a Rotating Cylinder Electrode, Instituto Politécnico Nacional, Departamento de Ingeniería Metalúrgica, ESIQIE, U.P. Adolfo López Mateos, Zacatenco, 07738 México, D.F., México.
- Callister, W.D. Jr., and Rethwisch, D.G., 2014, Materials Sciences and Engineering An Introduction 9<sup>th</sup> Edition, *John Wiley & Sons*.
- Donald, R. A., Pradeep, P.F., Wendelin, J. W., 2011, The Science and Engineering Materials, sixth edition, *Bucknell University*.
- Jianxing Y., Huakun W, Yang Y, Zhen L, Weidong L., Caimei W.,2018, Corrosion behavior of X65 pipeline steel: Comparison of wet–Dry cycle and full immersion, *Elsevier Corrosion Science 133* (2018) 276–287.

- Lins, V.F.C., Ferreira, M.L.M., Saliba, P.A., 2012, Corrosion Resistance of API X52 Carbon Steel in Soil Environment. 1 Universidade Federal de Minas Gerais (UFMG), Belo Horizonte, Brazil.
- Liang.M., Melchers, R., Chaves, I., 2018, Corrosion and pitting of 6060 series Aluminium after 2 years exposure in seawater splash, tidal and immersion zones, *Elsevier Journal of Corrosion Science* 140 (2018) 286–296.
- Luna, M.C.O., Olivares-X., Natalya, V. L., Raquel, E., Hernández, z R., Irina, V. L. P., Arellanes., Elsa, A. E., Influence of the Immersion Time and Temperature on the Corrosion of API X52 Steel in an Aqueous Salt Medium, *Int. J. Electrochem. Sci.*, 12 (2017) 6729 – 6741, doi: 10.20964/2017.07.12.
- Likhanova N. V., Nava N. , Xomet O.O., dkk. , 2018, Corrosion Evaluation of Pipeline Steel API 5L X52 in partially de-aerated Produced Water with High Chloride Content, *Int. J. Electrochem. Sci.*, 13 (2018) 7949 – 7967, doi: 10.20964/2018.08.13.
- Malau, V., 2018, Korosi, Mechanical and Industrial Engineering Dept. Faculty of Engineering, Gadjah Mada University.
- Melchers, R.E., 1994, Pitting Corrosion in Marine Environments: a Review. Department of Civil Engineering and Surveying, University of Newcastle.
- Nontji, A., (2007). Laut Nusantara. Jakarta: Djambatan.
- Oyewole, A., Feargal, B., Athanasios, K., 2015, Review of corrosion fatigue in offshore structures: Present status and challenges in the offshore wind sector, *Elsevier Journal of Renewable and Sustainable Energy Reviews* 61 (2016) 141–154.
- Pavuluri, S., 2014, Kinetic approach for modeling salt precipitation in porous-media, Heriot-Watt University.
- Rihan, O. R., 2012, Electrochemical Corrosion Behavior of X52 and X60 Steels in Carbon Dioxide Containing Saltwater Solution, *Center for Engineering Research*, Research Institute King Fahd University of Petroleum & Minerals – KFUPM, Dhahran 31261, Saudi Arabia.
- Sadeq, H. Z., 2015, Failure Analysis of Corrosion Case Histories, *OMICS Group eBooks*.
- Salleh, M.A.A. M. A., Al Bakri M. M, A. Alida & H. Kamarudin, 2013, Effects of Seawater (Salt Water) to AISI 304 Mechanical Properties, *Australian Journal of Basic and Applied Sciences*, 7(7): 545-554, 2013.
- Suvanjumrat,C., Rugsaj, R., 2015, Lifetime Estimation for Metal Sheet Cladding and

Roofing in Wang-Noi Combined Cycle Power Plant, *Engineering Journal*, Volume 20, Department of Mechanical Engineering, Faculty of Engineering, Mahidol University, Nakhon Pathom73170, Thailand.

Wildan, M.W., 2018 ,Pengujian dan Karakterisasi Material (PKM), Department of Mechanical and Industrial Engineering, Gadjah Mada University.

Yulianda F., 2009, Pengantar Lingkungan Laut, Institut Pertanian Bogor.