

DAFTAR PUSTAKA

- Ahmad, R., Kamaruddin, S., Azid, I., and Almanar, I., 2011, Maintenance Management Decision Model for Preventive Maintenance Strategy on Production Equipment, *Journal of Industrial Engineering*, vol. 7, no. 13, pp. 22-34.
- Albert, M.A.H., 2015, Penentuan *Remaining Useful Life* pada Sebuah Industri Menggunakan Metode Proportional Hazard, *Skripsi Jurusan Teknik Industri FT UGM*, Yogyakarta.
- Badan Pusat Statistik, 2017, *Jumlah Penumpang Kereta Api*, <http://bps.go.id>, online accessed on 3 Maret 2018.
- Bahrami-G, K., Price, J.W.H, and Mathew, J., 2000., The Constant-Interval Replacement Model for Preventive Maintenance: a New Prespective, *Journal of Quality in Maintenance Engineering*, vol. 17, no. 8, pp. 822-838.
- Basri, E.I., Razak, I.H.A., Ab-Samat, H., and Kamarudin, S., 2017, Preventive Maintenance (PM) Planning: a Review, *Journal of Quality in Maintenance Engineering*, vol. 23, no. 2, pp. 114-143.
- Coit, D.W., and English, J.R., 1999, System reliability modeling considering the dependence of component environmental influence, *Annual Reliability and Maintainability Symposium Proceeding*, pp.214-218.
- Cai, L., Zhang, Z., Cheng, Q., and Liu, Z., 2013, An approach to optimize the machining accuracy retainability of multi-axis NC machine tool based on robust design, *Journal of Precision Engineering*, vol. 43, pp. 370-386.
- Dekker, R., 2008, Block Replacement, *Encyclopedia of Statistics in Quality and Reliability*, John Wiley & Sons Ltd.
- Ebeling, C.E., 1997, *An Introducing to Reliability and Maintainability Engineering*, McGraw-Hill Companie, Inc., Singapore.
- European Standard, 2010, *Maintenance: Maintenance Terminology*, British Standard Institution.
- Famurewa, S.M., Zhang, L., and Asplund, M., 2017, Maintenance Analytics for Railway Infrastructure Decision Support, *Journal of Quality in Maintenance Engineering*, vol. 23, no. 3, pp. 310-325.
- Ghodrati, B., and Kumar, U., 2005, Reliability and operating environment-based spare parts estimation approach: A case study in Kiruma Mine Sweden, *Journal of Quality in Maintenance Engineering*, vol. 11, no. 2, pp. 169-184.

- Holmgren, M., 2005, Maintenance-related Losses at the Swedish Rail, *Journal of Quality in Maintenance Engineering*, vol. 11, no. 1, pp. 5-18.
- Hossain, A. and Zimmer, W., 2003, Comparison of Estimation Methods for Weibull Parameter: Complete and Censored Samples, *Journal of Statistical Computation and Simulation*.
- Jardine, A.K.S., and Tsang, A.H.C., 2013, *Maintenance Replacement and Reliability 2nd ed.*, CRC Press, Florida.
- Ke, H., Yao, K., 2016, Block Replacement Policy with Uncertain Lifetimes, *Journal of Reliability Engineering and System Safety*, vol. 148, pp. 119-124.
- Khatab, A., Rezg N., and Ait-Kadi, D., 2011, Optimum Block Replacement Policy Over a Random Time Horizon, *Journal of Intell Manuf*, (2011), vol. 22, pp. 885-889.
- Komite Nasional Keselamatan Transportasi, 2017, *Accident Reports*, <http://knkt.dephub.go.id>, online accessed on 5 Sept. 2017.
- Labib, A.W., 2004, A Decision Analysis Model for Maintenance Policy Selection Using a CMMS, *Journal of Quality in Maintenance Engineering*, vol. 10, no. 3, pp. 191-202.
- Lim, J.H., Qu, J., and Zuo, M.J., 2016, Age Replacement Policy Based on Imperfect Repair with Random Probability, *Journal of Reliability Engineering and System Safety*, vol. 149, pp. 24-33.
- Liu, X., Saat, M.R., and Barken, C.P.L., 2012, Analysis of Causes of Major Train Derailment and Their Effect on Accident Rates, *Journal of Transportation Research Board*, no. 2289, pp. 154-163.
- Macedo, R., Benmansour, R., Artiba, A., Mladenovic, N., and Urosevic, D., 2017, Scheduling Preventive Railway Maintenance Activities with Resource Constraints, *Electronic Notes in Discrete Mathematics*, vol. 56, pp. 215-222.
- Masruroh, N., 2008, *Perencanaan Kegiatan Perawatan pada Unit Produksi Butiran (padat) dengan Basic RCM di PT. Petrokimia Kayaku Gresik*, Skripsi UPN Veteran Jawa Timur, Surabaya.
- Nakagawa, T., Yasui, K., 1978, Approximate Calculation of Block Replacement with Weibull Failure Times, *IEEE Transaction on Reliability*, vol. R-27, no. 4.
- PT. KAI (Persero), 2016, *Konstruksi Jalan Rel*, Training and Education Ir. H. Djuanda (E-Learning).

- Purnama, J., Putra, Y.A., and Kalamallah, M., 2015, Metode *Age Replacement* digunakan untuk Menentukan Interval Waktu Perawatan Mesin pada Armada Bus, *Seminar Nasional Sains dan Teknologi Terapan III*, ISBN 978-602-98569-1-0.
- Pusponegoro, D.T., 2014, Pengembangan Sistem Perawatan pada Komponen Sistem Pendingin Lokomotif dengan Menggunakan Pendekatan *Proportional Hazard Model*, Skripsi Jurusan Teknik Industri FT UGM, Yogyakarta.
- Rini, M. W., 2014, *Aplikasi Algoritma Genetika untuk Optimasi Interval Preventive Replacement berdasarkan Preventive Replacement*, Skripsi Jurusan Teknik Mesin dan Industri, Universitas Gadjah Mada.
- Samrout, M., Chatelet, E., Kouta, R., and Chebbo, N., 2007, Optimization of Maintenance Policy Using the Proportional Hazard Model, *Journal of Reliability Engineering and System Safety*, vol. 94, pp. 44-52.
- Scarf, P.A., Deara, M., 2002, Block Replacement Policies for a Two-Component System with Failure Dependence, *Wiley Periodicals Inc*, DOI 10.1002/nav.10051.
- Sheu, S-H., and Griffith, W.S., 2002, Extended Block Relacement Policy with Shock Models and Used Items, *Journal of the Operational Research Society*, vol. 140, pp. 50-60.
- Shiker, M.A.K., 2012, Evaluating reliability system by using Weibull and New Weibull Extention distribution, *Journal of Kerbala University*, vol. 10, no. 1, Scientific, Babylon.
- Sukanta, 2018, Analisis Kegagalan Sistem pada Perawatan Mesin Evaporator menggunakan Metode FMEA dan FTA, *Proseeding Seminar Nasional Penelitian dan Pengabdian Masyarakat*, Unsika, Pangkalpinang.
- Tabriz, A.A., Khorshidvand, B., and Ayough, A., 2016, Modelling Age Based Replacement Decisions Considering Shock and Failure Rate, *Journal of Quality in Maintenance Engineering*, vol. 33, no. 1, pp. 107-119.
- Tam, A.S.B., Chan, W.M., and Price, J.W.H., 2006, Optimal Maintenance Intervals for a Multi-component System, *Production Planning & Control*, vol. 17, no. 8, pp. 769-779.
- Vidiasari, D., Soemadi, K., and Mustofa, F.H., 2015, Interval waktu Penggantian Pencegahan Optimal Komponen Sistem Printing Unit U41 menggunakan Metode *Age Replacement* di PT. Pikiran Rakyat, *Jurnal Online Institut Teknologi Nasional*, vol. 03, no. 01.

- Vlok, P.J., Coetzee, J.L., Banjevic, D., Jardine, A.K.S., and Makis, V., 2002, Optimal Component Replacement Decision Using Vibration Monitoring and the Proportional-Hazard Model, *Journal of the Operational Research Society*, vol. 53, pp. 193-202.
- Wijaya, A.R., Lundberg, J., and Kumar, U., 2012, Robust-Optimum Multi-Attribute Age-based Replacement Policy, *Journal of Quality in Maintenance Engineering*, vol. 18, no. 3, pp. 325-343.
- Wireman, T., 1990, *World Class Maintenance Management*, 1st ed., Industrial Press Inc., New York.