

## REFERENCES

- Al Zarooni, Mohamed, and Walid Elshorbagy. 2006. "Characterization and Assessment of Al Ruwais Refinery Wastewater." *Journal of Hazardous Materials* 136 (3): 398–405. doi:10.1016/j.jhazmat.2005.09.060.
- Altaş, Levent, and Hanife Büyükgüngör. 2008. "Sulfide Removal in Petroleum Refinery Wastewater by Chemical Precipitation." *Journal of Hazardous Materials* 153 (1–2): 462–69. doi:10.1016/j.jhazmat.2007.08.076.
- Bakar, Amnani Abu, Zawawi Daud, Zulkifli Ahmad, M Othman, and a Rashid. n.d. "Treatment of Leachate Using Sequencing Batch Reactor (SBR)." *Eprints.Uthm.Edu.My*.
- Benito-Alcázar, C., M. C. Vincent-Vela, J. M. Gozávez-Zafrilla, and J. Lora-García. 2010. "Study of Different Pretreatments for Reverse Osmosis Reclamation of a Petrochemical Secondary Effluent." *Journal of Hazardous Materials* 178 (1–3): 883–89. doi:10.1016/j.jhazmat.2010.02.020.
- Chan, Yi Jing, Mei Fong Chong, Chung Lim Law, and D. G. Hassell. 2009. "A Review on Anaerobic-Aerobic Treatment of Industrial and Municipal Wastewater." *Chemical Engineering Journal* 155 (1–2): 1–18. doi:10.1016/j.cej.2009.06.041.
- Cho, Seung H., Hong J. Lee, and Seung Hyeon Moon. 2008. "Integrated Electroenzymatic and Electrochemical Treatment of Petrochemical Wastewater Using a Pilot Scale Membraneless System." *Process Biochemistry* 43 (12): 1371–76. doi:10.1016/j.procbio.2008.08.006.
- Cirne, Dores G., Frank P. Van Der Zee, Maria Fernandez-Polanco, and Fernando Fernandez-Polanco. 2008. "Control of Sulphide during Anaerobic Treatment of S-Containing Wastewaters by Adding Limited Amounts of Oxygen or Nitrate." *Reviews in Environmental Science and Biotechnology* 7 (2): 93–105. doi:10.1007/s11157-008-9128-9.
- Department of Environmental Quality. 2011. "Activated Sludge Process Control: Training Manual for Wastewater."
- Dimoglo, a., H.Y. Akbulut, F. Cihan, and M. Karpuzcu. 2004. "Petrochemical Wastewater Treatment by Means of Clean Electrochemical Technologies." *Clean Technologies and Environmental Policy* 6: 288–95. doi:10.1007/s10098-004-0248-9.
- Diya'Uddein, Basheer Hasan, Wan Mohd Ashri Wan Daud, and A. R. Abdul Aziz. 2011. "Treatment Technologies for Petroleum Refinery Effluents: A Review." *Process Safety and Environmental Protection* 89 (2): 95–105. doi:10.1016/j.psep.2010.11.003.
- El-Ashtoukhy, E. S Z, Y. A. El-Taweel, O. Abdelwahab, and E. M. Nassef. 2013. "Treatment of Petrochemical Wastewater Containing Phenolic Compounds by Electrocoagulation Using a Fixed Bed Electrochemical Reactor." *International Journal of Electrochemical Science* 8 (1): 1534–50.
- Falk, Greg, Chris Litz, and Richard Taylor. 2000. "Wastewater Technology Fact Sheet Chemical Precipitation." *United States Environmental Protection Agency*. doi:EPA 832-F-00-018.
- Gangagni Rao, A, K Krishna Prasad, G Venkata Naidu, N Chandrashekar Rao, and P N Sarma. 2003. "Removal of Sulfide in Integrated Anaerobic-aerobic Wastewater Treatment System." *Clean Technologies and Environmental Policy* 6 (1): 66–72.

doi:10.1007/s10098-003-0194-y.

Gray, N. F. (2004). *Biological of Wastewater Treatment (Second Edition)*. London: Imperial College Press.

Guo H, Morawksa L, He C, Gilbert D. Impact of ventilation scenario on air exchange rates and on indoor particle number concentrations in an air-conditioned classroom. *Atmos Environ* 2008;42:757–68.

International, C., & Assessment, C. (2003). Concise International Chemical Assessment Document 53 HYDROGEN SULFIDE : HUMAN HEALTH ASPECTS

Khanal, Samir Kumar, and Ju Chang Huang. 2003. “ORP-Based Oxygenation for Sulfide Control in Anaerobic Treatment of High-Sulfate Wastewater.” *Water Research* 37 (9): 2053–62. doi:10.1016/S0043-1354(02)00618-8.

Ma, Fang, Jing bo Guo, Li jun Zhao, Chein chi Chang, and Di Cui. 2009. “Application of Bioaugmentation to Improve the Activated Sludge System into the Contact Oxidation System Treating Petrochemical Wastewater.” *Bioresource Technology* 100 (2). Elsevier Ltd: 597–602. doi:10.1016/j.biortech.2008.06.066.

Malaysia, Laws of. 2011. “Environmental Quality Act 1974 (Act 127)” 1974 (Act 127): 353.

Maroneze, Mariana Manzoni, Leila Queiroz Zepka, Juliana Guerra Vieira, Maria Isabel Queiroz, and Eduardo Jacob-Lopes. 2014. “A Tecnologia de Remoção de Fósforo: Gerenciamento Do Elemento Em Resíduos Industriais.” *Revista Ambiente E Agua* 9 (3): 445–58. doi:10.4136/1980-993X.

Masau, R J, J K Oh, and I Suzuki. 2001. “Mechanism of Oxidation of Inorganic Sulfur Compounds by Thiosulfate-Grown *Thiobacillus Thiooxidans*.” *Canadian Journal of Microbiology* 47: 348–58. doi:10.1139/cjm-47-4-348.

Mohan, S. Venkata, N. Chandrashekara Rao, K. Krishna Prasad, B. T V Madhavi, and P. N. Sharma. 2005. “Treatment of Complex Chemical Wastewater in a Sequencing Batch Reactor (SBR) with an Aerobic Suspended Growth Configuration.” *Process Biochemistry* 40 (5): 1501–8. doi:10.1016/j.procbio.2003.02.001.

Mojiri, A., H.A. Aziz, and R.M. Tajuddin. 2015. “Sulfide, Phenols and Chromium (VI) Removal from Landfill Leachate and Domestic Wastewater by ZELIAC, Zeolite and Activated Carbon Augmented Sequencing Batch Reactor (SBR).” *Research Journal of Environmental Toxicology* 9 (4): 179–87. doi:10.3923/rjet.2015.179.187.

Muruganathan, M, G Bhaskar Raju, and S Prabhakar. 2004. “Removal of Sulfide , Sulfate and Sulfite Ions by Electro Coagulation” 109 (December 2003): 37–44. doi:10.1016/j.jhazmat.2003.12.009.

Nesc. 2003. “Explaining the Activated Sludge Process.” *Pipeline* 14 (2): 1–8.

Operator, Wastewater Treatment, Annual Water, and Industry Engineers. 2003. “DETECTING ODOUR POTENTIAL AT AN INDUSTRIAL Paper Presented by : John Day Norske-Skog Newsprint Mill DETECTING ODOUR POTENTIAL AT AN INDUSTRIAL TREATMENT,” no. 9: 9–17.

Parilti, N B. 2010. “Treatment of a Petrochemical Industry Wastewater by a Solar Oxidation Process Using The Box-Wilson Experimental Design Method.” *Ekoloji* 19 (77): 9–15. doi:DOI 10.5053/ekoloji.2010.772.

Process, A. S. (2003). Explaining the Activated Sludge Process, 14(2).

Rajeshwari, K.V, M Balakrishnan, A Kansal, Kusum Lata, and V.V.N Kishore. 2000.

- “State-of-the-Art of Anaerobic Digestion Technology for Industrial Wastewater Treatment.” *Renewable and Sustainable Energy Reviews* 4 (2): 135–56. doi:10.1016/S1364-0321(99)00014-3.
- Ravichandra, P., Gopal Mugeraya, A. Gangagni Rao, M. Ramakrishna, and Annapurna Jetty. 2007. “Isolation of Thiobacillus Sp from Aerobic Sludge of Distillery and Dairy Effluent Treatment Plants and Its Sulfide Oxidation Activity at Different Concentrations.” *Journal of Environmental Biology* 28 (4): 819–23.
- Secula, Marius Sebastian, Igor Crețescu, and Stelian Petrescu. 2012. “Electrocoagulation Treatment of Sulfide Wastewater in a Batch Reactor: Effect of Electrode Material on Electrical Operating Costs.” *Environmental Engineering and Management Journal* 11 (8): 1485–91.
- Su, Caili, Lingfeng Zhu, Chuan Zhang, Xianghui Qi, Yiping Guo, and Ruqin Gao. 2012. “Microbial Community of Aerobic Granules for Ammonium and Sulphide Removal in a Sequencing Batch Reactor.” *Biotechnology Letters* 34 (5): 883–88. doi:10.1007/s10529-012-0857-z.
- Sponza DT (2003) Investigation of extracellular polymer substances(EPS) and physicochemical properties of different activated sludgeflocks under steady-state conditions. *Enzyme Microb Technol*32:375–385
- Vepsäläinen, Mikko. 2012. *Electrocoagulation in the Treatment of Industrial Waters and Wastewaters*.
- Vigneswaran, S, M Sundaravadivel, and D S Chaudhary. 2007. “Sequencing Batch Reactors: Principles Design/Operation and Case Studies.” *Water and Wastewater Treatment Technologies*, 17
- Wise HE, Fahrenthold PD (1981) Predicting priority pollutants from petrochemical processes. *Environ Sci Tech* 15:1292–1304
- Wong JM (2000) Petrochemicals. *Water Environ Res* 72:1-21
- World Bank Water. 2016. “Activated Sludge Treatment Process.” *The World Bank Group* 4 (2): 890–96. <http://water.worldbank.org/shw-resource-guide/infrastructure/menu-technical-options/activated-sludge>.
- Xiaohua, Gao, and Guan Weisheng. n.d. “Study on Treatment of Sulfide Wastewater Using Adsorption-Biological Contact Oxidation.”