

- Aries, R. S. and Newton, R. D. (1954) *Chemical Engineering Cost Estimation*. New York: McGraw-Hill Book Company Inc.
- ASME (2013) Rules for Construction of Pressure Vessels, ASME Boiler and Pressure Vessel Code. New York.
- Asri Warlinda, Y., & Zainul, R. (n.d.). Asam Posfat (H 3 Po 4): Ionic Transformation of Phosphoric Acid in Aqueous Solution.
- Association, E. F. M. (2000) 'Production of Phosphoric Acid', in Production of Phosphoric Acid, pp. 371–374. doi: 10.1021/ie50268a002.
- Brown, G. G., Katz, D., Foust, A. S., dan Schneidewind, C. (1950). Unit Operation, John Wiley and Sons, Inc., New York.
- Brownell, L.E and Young, E.H. (1959). Equipment Design, John Willey & Sons, Inc., New York.
- Brunazzi, E., Sorensen, E., Ganesh, S. R. S., Göebel, H., & Mathias, P. M. (2018). Thermodynamic model to study removal of Chlorine, Silicon Tetrafluoride and other uncommon materials from off gases. CHEMICAL ENGINEERING TRANSACTIONS, 69. www.aidic.it/cet
- Burhan Sekolah Tinggi Perkebunan Lampung, B. (2016). Prosiding Seminar Nasional Pengembangan Teknologi Pertanian Politeknik Negeri Lampung.
- Calvo, M.S., et.al (2014). Assessing the Health Impact of Phosphorus in the Food Supply: Issues and Considerations. Advances in Nutrition, 5(1), 104–113. doi:<https://doi.org/10.3945/an.113.004861>.
- ChaabounI, A. (2017). Kinetic Study of the Dissolution of Tunisian Natural Phosphate or Francolite in Industrial Phosphoric Acid. JOURNAL OF ADVANCES IN CHEMISTRY, 6(1), 908–916. <https://doi.org/10.24297/jac.v6i1.6585>
- Chemistry LibreTexts. (2020). 7.10: Strong and Weak Acids and Acid Ionization Constant https://chem.libretexts.org/Courses/Brevard_College/CHE_104%3A_Principles_of_Chemistry_II/07%3A_Acid_and_Base_Equilibria/7.10%3A_Strong_and_Weak_Acids_and_Acid_Ionization_Constant_%28left%28_K_texta_right%29%29.
- Cohen, P. 1989. 'The ASME handbook on water technology for thermal power system'. United States.

- Coulson, J.M., Richardson, J.F., Harker, J.H. and Backhurst, J.R. (2005). *Coulson & Richardson's chemical engineering. Vol.6, particle technology & separation processes*. Oxford ; Boston: Butterworth-Heinemann.
- Couper, J. R., Roy Penney, W., & Fair, J. R. (2005). *Chemical Process Equipment: Selection and Design*, Third Edition.
- Crowl, D.A, Louvar, J.F. (2002) 'Chemical Process Safety'. New Jersey: Prentice Hall.
- Data ekspor 2022 Phosphoric acid and polyphosphoric acids exports by country _2022. (n.d.).
- E. Ludwig, E. (1999) 'Applied Process Design for Chemical and Petrochemical Plants'.
- Fluor, P. M. M., Mathias, P. M., Chen, C.-C., & Walters, M. (n.d.). Simulation of Phosphoric Acid Production by the Dihydrate Process Modeling the Complex Chemical Reactions and Mass Transfer in a Phosphoric Acid Reactor. <https://www.researchgate.net/publication/267834770>
- Geankoplis, C. (1993). *Transport Processes and Unit Operations*. Engelwood Cliffs, N.J.: PTR Prentice
- Gilmour, R. (2014). *Phosphoric Acid: Purification, Uses, Technology, and Economics*.
- Global Asset Protection Services (2000) *Oil and Chemical Plant Layout and Spacing*. HSB Industrial Risk Insurers.
- Gobbitt, J.M. (2012). Yara Hemihydrate (HH) and Hemidihydrate (HDH) Processes for Phosphoric Acid Production. *Procedia Engineering*, 46, pp.143–153. doi:<https://doi.org/10.1016/j.proeng.2012.09.457>.
- Han, K., Seo, S., Lee, S. and Myong Jun Kim (2022). A Process for removing toxic heavy metals to produce the high purity $\text{NH}_4\text{H}_2\text{PO}_4$ and KH_2PO_4 from a crude phosphoric acid. *Journal of Hazardous Materials Advances*, 8, hh.100202–100202. doi:<https://doi.org/10.1016/j.hazadv.2022.100202>.
- He, B., Zhu, Y., Zu, Y., Nie, Y., & Mei, Y. (2023). Designing an efficient fluorine recovery strategy for Wet-Process phosphoric acid purification by disclosing competitive complexation behavior between fluorine species and metal cations. *Separation and Purification Technology*, 320. <https://doi.org/10.1016/j.seppur.2023.124219>
- Herjanto, Eddy. (2008) *Manajemen Operasi Edisi Ketiga*. Jakarta : Grasindo.
- Iglesia, A. La. (2009). Estimating the thermodynamic properties of phosphate minerals at high and low temperature from the sum of constituent units. *Estudios Geologicos*, 65(2), 109–119. <https://doi.org/10.3989/egeol.39849.060>

Kakaç, S., Liu, H. and Pramuanjaroenkij, A. (2012) Heat Exchangers: Selection, Rating, and Thermal Design, Third Edition. Available at: <https://books.google.com/books?hl=en&lr=&id=sJXpvP6xLZsC&pgis=1>.

Kern, D.Q. (1965). Process Heat Transfer, International ed., p. 102-160, New York, McGraw-Hill Book Company.

Lefires, H. et al. (2014) 'Dissolution of Calcareous Phosphate Rock from Gafsa (Tunisia) Using Dilute Phosphoric Acid Solution', International Journal of Nonferrous Metallurgy, 03(01), pp. 1–7. doi: 10.4236/ijnm.2014.31001.

Levenspiel, O. (1999) Chemical reaction engineering, Industrial and Engineering Chemistry Research. doi: 10.1021/ie990488g.

Li, X., Li, J., Jin, Y., Chen, M., Feng, D. and Guo, Y. (2017). Wet process of phosphoric acid purification by solvent extraction using tri-n-butyl phosphate and cyclohexanol mixtures. *Journal of the Serbian Chemical Society*, 82(5), pp.579–592. doi:<https://doi.org/10.2298/jsc1610280191>.

Liu, X., Wu, F., Qu, G., Jin, C., Liu, Y., Kuang, L., Li, H., Chen, X., Wang, Z., & Cheng, Y. (2022). Application prospect of advanced oxidation technology in wet process phosphoric acid production. *Journal of Environmental Chemical Engineering*, 10(6). <https://doi.org/10.1016/j.jece.2022.108868>

Manar, S. (2016). Increasing the Filtration Rate of Phosphor-gypsum by Using Mineral Additives. *Procedia Engineering*, 138, 151–163. <https://doi.org/10.1016/j.proeng.2016.02.073>

Matche. (2014). Diakses 8 September 2024. <https://www.matche.com>

Mayer, E. E. (n.d.). Scrubber Design for Phosphoric Acid Production Facility Scrubber Design for Phosphoric Acid Production Facility STARS Citation STARS Citation. <http://library.ucf.edu>

Merritt, C. (2016) 'Process Steam System'. New Jersey: John Willey & Sons, Inc.

Otoritas Jasa Keuangan (2024). Suku Bunga Dasar Kredit Data Posisi Akhir Juni 2024 <https://ojk.go.id/id/kanal/perbankan/pages/suku-bunga-dasar.aspx>

Oyelami A.T. and Olusunle S.O.O. (2019). Spherical Storage Tank Development Through Mathematical Modeling of Constituent Sections. *Mathematical modelling of engineering problems*, 6(3), pp.467–473. doi:<https://doi.org/10.18280/mmep.060320>.

Perry's Chemical Engineers' Handbook, 7 ed., p. 2.37-2.38, New York, McGraw-Hill Book Company.

Legally Binding Document.

PHOSPHORIC ACID H₃PO₄, SULFURIC ACID H₂SO₄ Typical end products. (2023).

www.vaisala.com

Plant Cost Index. (2022) <https://www.chemengonline.com/site/plant-cost-index/>

Powell, S. T. (1954) *Water Conditioning for Industry*. Oakland: McGraw-Hill.

Rase, H. F., dan Barrow, M. H. (1977). *Chemical Reactor Design for Process Plant*, 1st ed., Mc Graw Hill Book Company, Inc., New York.

Reksohadiprodjo, Sukanto. (2000) *Manajemen Produksi Edisi 4*, BPFE-Yogyakarta.

Rudiawan, Hendri. (2021) 'Pernana Manajemen Produksi dalam Menyelaraskan Kinerja Perusahaan'. *Jurnal Manajemen FE-UB*, vol.9, no. 2.

Rushton, A. ., Holdich, R. G. ., & Ward, A. S. . (1968). *Solid-liquid filtration and separation technology*. VCH.

Sevim F., et. al (2003). *Dissolution Kinetics of Phosphate Ore in H₂SO₄ Solutions*. <https://doi.org/10.1021/ie020168o>

Shipments, B. (n.d.). View More (12) Top Related Products Chat on WhatsApp. <https://www.volza.com/p/phosphoric-acid-food-grade/import/import-in-indonesia/>

Smirkaya M., et.al (2012). Kinetics of dissolution in H₂SO₄ of sulfated phosphate rock. *Mining, Metallurgy & Exploration*, 29(3), hh.156–158. doi:<https://doi.org/10.1007/bf03402253>.

Sinnott, R. K. (1983) 'Coulson and Richardson's Chemical Engineering: Chemical Engineering Design'.

Splading, B. (1983) *Heat Exchanger Design Handbook*.

States, U. (2015). *Food Chemicals Codex (5th Edition)*. hh 932-933

Supartha, W. G. dan Sintaasih, D. K. (2017). *PENGANTAR PERILAKU ORGANISASI : Teori, Kasus, dan Aplikasi Penelitian*. Denpasar: CV Setia Bakti.

Tchobanoglous, et al. (2003) 'Wastewater Engineering Treatment and Reuse'. 4th Ed. McGraw-Hill.

Treybal, R.E. (1981). *Mass-Transfer Operations*, Int.ed., p. 139-210, Singapore, McGraw-Hill Book Company.

Ulrich, G.D. (1984) *A Guide to Chemical Engineering Process Design and Economics*, John Wiley and Sons, New York.

https://www.chemcentral.com/media/product_attribute/sds_file/p/h/phosphoric_acid_85_fg_-_sds.pdf

Yaws, C.L. (1999) Chemical Properties Handbook: Physical, Thermodynamic, Environmental, Transport, Safety, and Health Related Properties for Organic and Inorganic Chemicals, Oxford, Elsevier.

Younes, M., et.al (2019). Re-evaluation of phosphoric acid–phosphates – di-, tri- and polyphosphates (E 338–341, E 343, E 450–452) as food additives and the safety of proposed extension of use. EFSA Journal, 17(6). doi:<https://doi.org/10.2903/j.efsa.2019.5674>.