

DAFTAR PUSTAKA

- About Pneumatic Conveying - Pneumatic Conveying UK - based in Huddersfield, West Yorkshire.* (2018, June 4). Pneumatic Conveying UK - Based in Huddersfield, West Yorkshire. <https://pneumaticconveyinguk.com/about-pneumatic-conveying/>
- Adetayo, A. A., Litster², J. D., & Desai, M. (1993). THE EFFECT OF PROCESS PARAMETERS ON DRUM GRANULATION OF FERTILIZERS WITH BROAD SIZE DISTRIBUTIONS. In *Chemical Engineering Science* (Vol. 48, Issue 23).
- Agricultural Market Information System: Fertilizer.* (n.d.). <https://www.amis-outlook.org/indicators/outside/fertilizer/en/>
- Almintaz (2012) *Buku Pegangan Pupuk NPK*. 2nd edn. Karawang: PT Pupuk Kujang.
- Asel Pranoto Kusuma, M., Mutiara Lasniroha Sagala, F., Djoko Kusworo, T., Dwi Laksono, S., Diponegoro, U., & Petrokimia Gresik, P. (2024). Performance Evaluation of Rotary Dryer and Granulator in NPK Steam Granulation Plant Production Department of IIB PT Petrokimia Gresik. *Jurnal Global Ilmiah*, 1(5).
- Alrashdi, F. (2023, July 31). *Faisal Alrashdi on LinkedIn: A cone-roof tank has a fixed, slightly conical roof, one or more inside. . .* https://www.linkedin.com/posts/faisal-alrashdi-b476a813b_a-cone-roof-tank-has-a-fixed-slightly-conical-activity-7091811534590402560-IJVN
- AR McKay Processing Machinery. (2023, December 14). *Screw/Auger Conveyors - AR McKay Processing Machinery.* <https://www.armckay.com/products/screw-auger-conveyors/>
- Badan Pusat Statistik. (2023). Penduduk Berumur 15 Tahun Ke Atas Menurut Provinsi dan Jenis Kegiatan Selama Seminggu yang Lalu, 2008 - 2022. Badan Pusat Statistik. <https://www.bps.go.id/statictable/2016/04/04/1907/penduduk-berumur-15-tahun-ke-atas-menurut-provinsi-dan-jenis-kegiatan-selama-seminggu-yang-lalu-2008---2022.html>
- Becht, C. (2009). *Process Piping: The complete guide to ASME B31.3, third edition.* In ASME Press eBooks. <https://doi.org/10.1115/1.802861>
- Brown, G. G. (2005). *Unit Operations* (PB).
- Bott, T. R. (2008). TANK COILS. In *Begellhouse eBooks.* https://doi.org/10.1615/atoz.t.tank_coils
- Brownell, L. E., & Young, E. H. (1959). *Process equipment design: Vessel Design.* John Wiley & Sons.



Çengel, Y. A., & Cimbala, J. M. (2006). *Fluid Mechanics: Fundamentals and Applications, Si Version.*

CN203508219U. (n.d.).

Cory, W. (2010). Fans and ventilation: A Practical Guide. Elsevier.

Coulton.com. (n.d.). *Specificities of Level measurement with differential pressure transmitters.*

https://www.coulton.com/specificities_of_dp_level_measurement.html

DallaValle, J. M. (1955). Chemical Engineering Cost Estimation . Robert S. Aries and Robert D. Newton. McGraw-Hill, New York, 1955. xiii + 263 pp. \$6. *Science*, 122(3180), 1143.

<https://doi.org/10.1126/science.122.3180.1143.a>

Directtank. (2023a, May 30). What is a Floating Roof Tank Seals? - Directtank - Medium.

Medium. <https://medium.com/@directtank462/what-is-a-floating-roof-tank-seals-c126e092e96c>

Drum Granulator | Fertilizer Granulator Machine. (2023, August 24). Fertilizer Machine Manufacturer.

<https://www.fertilizersgranulator.com/fertilizer-granulator-machine/drum-granulator/>

Duan, Q., Jiang, S., Chen, F., Li, Z., Ma, L., Song, Y., Yu, X., Chen, Y., Liu, H., & Yu, L. (2023).

Fabrication, evaluation methodologies and models of slow-release fertilizers: A review.

In *Industrial Crops and Products* (Vol. 192). Elsevier B.V.

<https://doi.org/10.1016/j.indcrop.2022.116075>

Eddarai, E. M., El Mouzahim, M., Ragaoui, B., El Addaoui, S., Boussen, R., Warad, I.,

Bellaouchou, A., & Zarrouk, A. (2023). Chitosan/kaolinite clay biocomposite as a

sustainable and environmentally eco-friendly coating material for slow release NPK

fertilizers: Effect on soil nutrients and tomato growth. *International Journal of Biological*

Macromolecules, 242. <https://doi.org/10.1016/j.ijbiomac.2023.125019>

Elisa Achilles, A. E., & Guerra, V. G. (2020). Performance of a cyclone scrubber in removal of

fine particulate matter. *Chemical Industry and Chemical Engineering Quarterly*, 26(1),

31–40. <https://doi.org/10.2298/CICEQ181220022A>

Evans, F. L. (1971). *Equipment Design Handbook for refineries and chemical plants.*

<http://ci.nii.ac.jp/ncid/BA5450190X>



- Frandsen, M. (1933). The heat capacity, heat of sublimation, and heat of solution of phosphorus pentoxide. *Bureau of Standards Journal of Research*, 10(1), 35. <https://doi.org/10.6028/jres.010.005>
- Green, D. W., & Maloney, J. O. (1997). *Perry's Chemical Engineers' handbook*. McGraw-Hill Professional Publishing.
- Handbook of pumps and pumping. (2006). In Elsevier eBooks. <https://doi.org/10.1016/b978-1-85617-476-3.x5000-8>
- Harker, J. H., Backhurst, J. R., & Richardson, J. (2013). *Chemical Engineering Volume 2*. Elsevier.
- Harnawan, P., Dame, T. M., & Perdana, S. (2022). NPK 15-10-12 dengan Pengisi Abu Terbang: Pengembangan Pupuk dan Pengujian pada Tomat. *Jurnal Ilmu Pertanian Indonesia*, 28(1), 162–169. <https://doi.org/10.18343/jipi.28.1.162>
- Heat Exchanger design Handbook*. (1983).
- Horizontal Attritor Basah Batu Kapur Bola Grinding Mill 5 Ton Kuarsa Ball Mill Grinding - Buy Ball Mill Grinding, Limestone Ball Grinding Mill, Horizontal Attritor product on Alibaba.com*. (n.d.). [Video]. <https://indonesian.alibaba.com/product-detail/Horizonta1-Attritor-Wet-limestone-Ball-Grinding-1600373045417.html>
- Hurricane & ReCyclone® Systems*. (n.d.). www.advancedcyclonesystems.com
- Husen, A. (n.d.). *ANALISIS KUALITAS AIR SUNGAI YANG BERMUARA DI PERAIRAN TELUK KAO HALMAHERA UTARA*.
- Jorge. (2018, October 15). *Fluid energy grinding & drying*. Metallurgist & Mineral Processing Engineer. <https://www.911metallurgist.com/fluid-energy-grinding-drying-powders/>
- Kattimani, M. A., Ahmed, N., & Akram, A. (n.d.). Design and Fabrication of Centrifugal Air Blower Test RIG. *International Journal of Thermal Engineering (IJTE)*, 10(1), 11–18. <https://doi.org/10.17605/OSF.IO/PGY5J>
- Kern, D. Q. (1950). Process heat transfer. In McGraw-Hill eBooks (Issue 1). <https://ci.nii.ac.jp/ncid/BA50763788>
- LAPORAN SATGAS PPK DAS CITARUM TAHUN 2023*. (n.d.).
- Laporan Tahunan/*Annual Report* PT. Pupuk Indonesia Tahun 2017, diakses tanggal 20 November 2023.
- Laporan Tahunan/*Annual Report* PT. Pupuk Indonesia Tahun 2018, diakses tanggal 20 November 2023.
- Laporan Tahunan/*Annual Report* PT. Pupuk Indonesia Tahun 2019, diakses tanggal 20 November 2023.



Laporan Tahunan/*Annual Report* PT. Pupuk Indonesia Tahun 2020, diakses tanggal 20 November 2023.

Laporan Tahunan/*Annual Report* PT. Pupuk Indonesia Tahun 2021, diakses tanggal 20 November 2023.

Laporan Tahunan/*Annual Report* PT. Pupuk Indonesia Tahun 2022, diakses tanggal 20 November 2023.

Litster, J., & Ennis, B. (2010). *The science and engineering of granulation processes*. Springer.

Luff, B. B., Reed, R. B., & Nash, R. H. (1976). Low-temperature heat capacity and entropy of diammonium orthophosphate. *Journal of Chemical and Engineering Data/Journal of Chemical & Engineering Data*, 21(4), 418–419. <https://doi.org/10.1021/jc60071a023>

Machines, F. (2018, December 5). *Rotary drum cooler*. Reliable Fertilizer Machinery Supplier. <https://fertilizer-machinery.com/equipment/rotary-drum-cooler.html>

Magazine, P. & S. (2013, August 28). *Power pump myths*. Pumps and Systems Magazine. <https://www.pumpsandsystems.com/power-pump-myths>

Martins Costa, M. A., Rodrigues, A. P., Ribeiro, A., Rodrigues Tognetti, É., Lopes Aguiar, M., Antônio, J., Gonçalves, S., & Coury, R. (2005). Performance of a Venturi Scrubber in the Removal of Fine Powder from a Confined Gas Stream. In *Materials Research* (Vol. 8, Issue 2).

McCabe, W. L., Smith, J. C., & Harriott, P. (1957). Unit operations of chemical engineering. *Journal of the Franklin Institute*, 263(2), 176. [https://doi.org/10.1016/0016-0032\(57\)90777-9](https://doi.org/10.1016/0016-0032(57)90777-9)

Metcalf, & Eddy. (2004). *Wastewater engineering: treatment and reuse*. In *McGraw-Hill eBooks*. <http://ci.nii.ac.jp/ncid/BA56967532>

Nadarajan, S., & Sukumaran, S. (2021). Chemistry and toxicology behind chemical fertilizers. *Controlled Release Fertilizers for Sustainable Agriculture*, 195–229. <https://doi.org/10.1016/B978-0-12-819555-0.00012-1>

Najmi, W. A., Mohamed, W., Najmi, W. M. W. A., & Arhosazani, A. M. (n.d.). *Comparison Of Combustion Performance Between Natural Gas And Medium Fuel Oil At Different Firing Settings For Industrial Boilers*. <https://www.researchgate.net/publication/241124165>

Naz, M. Y., & Sulaiman, S. A. (2016). Slow release coating remedy for nitrogen loss from conventional urea: A review. In *Journal of Controlled Release* (Vol. 225, pp. 109–120). Elsevier B.V. <https://doi.org/10.1016/j.jconrel.2016.01.037>

<https://www.karawangkab.go.id/sites/default/files/pdf/PROFILE%20KECAMATAN%20CIKAMPEK.pdf>

PERATURAN MENTERI LINGKUNGAN HIDUP REPUBLIK INDONESIA. (n.d.).

PERATURAN PEMERINTAH REPUBLIK INDONESIA. (n.d.).

Pet food Product Database > Manufacturers > Equipment. (n.d.). PetfoodIndustry.

<https://www.petfoodindustry.com/pet-food-product-database/manufacturers/equipment?page=52>

Peters, M. S. (2003). *Plant design and economics for chemical engineers*.

Pompa Sentrifugal: Definisi, Fungsi dan Cara Kerjanya - Blog Pompa Becker Indonesia.

(n.d.). Becker Vacuum Pump. <https://vacuumpump.co.id/blog/pompa-sentrifugal>

Powell, S. T. (1954). *Water conditioning for industry*. <http://ci.nii.ac.jp/ncid/BA2173986X>

Pramono Adi, C., Prabowo, G., Gorety, M., Suryana, A., Kelautan dan Perikanan Karawang, P., Ahli Usaha Perikanan, P., & Author, C. (n.d.). *Kajian Kualitas Air Sungai Citarum yang Melintasi Kabupaten Karawang untuk Budidaya Ikan Patin (Pangasius sp.) Study of Citarum River Water Quality Crossing Karawang Regency for the Cultivation of Patin Fish (Pangasius sp.)*. <https://jika.karawangkab.go.id>

PT Pupuk Kujang Cikampek. (2016). PT PUPUK KUJANG CIKAMPEK -Proses & Kapasitas produksi. <https://www.pupuk-kujang.co.id/produksi/proses-kapasitas>

PT Saraswanti Anugerah Makmur Tbk, (2016), “Pupuk, Pengertian, dan Jenisnya” (PT Saraswati Anugerah Makmur Tbk), *Produsen Pupuk NPK*, [online], diakses di: <https://sarasfertilizer.com/pupuk-pengertian-dan-manfaatnya/> pada 21 November 2023.

Purwanti, I. F., Titah, S., Santoso, I. B., Rachmawati, R., & Puspitasari, A. G. (n.d.). Determination of coagulant type and dosage in fertilizer industry wastewater treatment. In *Copyright@ EM International*.

PYI Inc. | FPI PSS Shaft Seal Case Study. (n.d.). <https://www.pyiinc.com/pss-seals-fpi-case-study.html>

Qvale, E. B. (1963). *A STUDY OF OUTLET GUIDE VANES*.

RU2688366C1. (n.d.).

Salimi, M., Channab, B. eddine, El Idrissi, A., Zahouily, M., & Motamedi, E. (2023). A comprehensive review on starch: Structure, modification, and applications in slow/controlled-release fertilizers in agriculture. In *Carbohydrate Polymers* (Vol. 322). Elsevier Ltd. <https://doi.org/10.1016/j.carbpol.2023.121326>



- Seader, J. D., & Henley, E. J. (1999). Separation process principles. *Choice Reviews Online*, 36(09), 36–5112. <https://doi.org/10.5860/choice.36-5112>
- Sinofudetech. (2023, September 12). *The principle of hammer mill*. Sinofude. <https://sinofudegroup.com/id/prinsip-pabrik-palu/>
- Smith, J. (2024, June 21). Belt Conveyor Design Guide: Quick tips and handbook. *Gram Conveyor*. <https://www.gramconveyor.com/belt-conveyor-design-guide/>
- Spray tower type wet scrubbers*. (n.d.). <https://ipgfy.blogspot.com/2014/08/spray-tower-type-wet-scrubbers.html>
- Stout Asd Richard A Robie, J. W., Mi STOUT, B. J., Robie, R. A., Cole, A. G., Robie, R. A., Stout, J. W., & Am Chem, J. (1956). HEAT CAPACITY FROM 11 TO 3000K., ENTROPY, AND HEAT OF FORMATIOY OF D O L O ~ I I T E. In *Geoehim. Cosmochim. Acta* (Vol. 64, Issue 2).
- Stultz, S. C. (2005). *Steam: Its Generation and Use*. Babcock & Wilcox Company.
- Suku Bunga - Bank BRI | Melayani dengan setulus hati*. (n.d.). <https://bri.co.id/suku-bunga-bri>
- SunSIRS: The atmosphere was bearish and Butadiene market declined weakly*. (n.d.). https://www.sunsirs.com/uk/detail_news-2628.html
- Tech Fact DuPont Ion Exchange Resins Recommended Operating Conditions for Mixed Bed Ion Exchange Units*. (2020).
- Transfer of low density solids*. (n.d.). Engineering Stack Exchange. <https://engineering.stackexchange.com/questions/43038/transfer-of-low-density-solids>
- Types of Dryers: Components, types, applications and advantages*. (n.d.). <https://www.iqsdirectory.com/articles/dryer/types-of-dryers.html>
- Uhlman, B., Sustainability Specialist Johanne Wilson, S., New Business Development James Taft, M., Manager Jon Rosenthal, A., Florikan, P., Patterson, B., & Sales Manager, R. (2013). *Submission for Verification of Eco-efficiency Analysis Under NSF Protocol P352, Part B Controlled Release Fertilizers Eco-efficiency Analysis Revised Final Report- December 2013*. <http://www.nsf.org/services/by-industry/sustainability-environment/claims->
- Ulrich, G. D. (1984). *A guide to chemical engineering process design and economics*. US20140290319A1. (n.d.).
- Walas, S. M. (1988). *Chemical process equipment: Selection and Design*. Elsevier.
- Widya, A., Jurusan, U., Lingkungan, T., Lanskap, A., & Lingkungan, T. (n.d.). *KUALITAS AIR SUNGAI CITARUM*.



Working principle and application of rod mill. (n.d.). <https://www.grindingball.com/working-principle-and-application-of-rod-mill-a-164.html>

- Yaws, C. L. (2003). *Yaws' Handbook of Thermodynamic and Physical Properties of Chemical Compounds: Physical, Thermodynamic and Transport Properties for 5,000 Organic Chemical Compounds*.
- Yin, E., Seckley, E. M., Asiedu, E. K., & Cobbinah, S. (2021). STRESS ANALYSIS AND TOPOLOGY OPTIMIZATION OF a CHAIN BUCKET ELEVATOR USING ANSYS. *Acta Polytechnica*, 61(1), 292–306. <https://doi.org/10.14311/ap.2021.61.0292>
- Zhang, H., Pan, C., Wang, Y., Xu, M., Zhou, F., Yang, X., Zhu, L., Zhao, C., Song, Y., & Chen, H. (2022). Fault Diagnosis of Coal Mill Based on Kernel Extreme Learning Machine with Variational Model Feature Extraction. *Energies*, 15(15), 5385. <https://doi.org/10.3390/en15155385>
- Zhu, X., Gao, Z., Chen, T., Wang, W., Lu, C., & Zhang, Q. (2022). Study on the thermophysical properties and influencing factors of regional surface shallow rock and soil in China. *Frontiers in Earth Science*, 10. <https://doi.org/10.3389/feart.2022.864548>