

DAFTAR PUSTAKA

- Adhitiya, A., dan Ichسانی, D., 2013, *Simulasi Performansi Heat Exchanger Type Shell and Tube Dengan Double Segmental Baffle Terhadap Helical Baffle*, JURNAL TEKNIK POMITS Vol. 2, No. 3.
- Ambekar, A.S., dkk., 2016, *CFD simulation study of shell and tube heat exchangers with different baffle segment configurations*, Applied Thermal Engineering 108, 999-1007.
- Andrew, M.J., dan Master, B.I., 2005, *Three Dimensional Modelling of a Helixchanger heat exchanger using CFD*, Journal Heat Transfer Eng 26, 22-31.
- Bichkar, P., dkk., 2018, *Study of Shell and Tube Heat Exchanger with the Effect of Types of Baffles*, Procedia Manufacturing 20, 195-200.
- Cengel, Y.A., dan Cimbala, J.M., 2008, *Fluid mechanics Fundamentals and Applications*, McGraw-Hill Higher Education, 166–189.
- Gaddis, D., 2007, *Standard of the Tubular Exchanger Manufacturers*, Ninth edition, New York.
- Handoyo, E.A., 2001, *Pengaruh Penggunaan Baffle pada Shell-and-Tube Heat Exchanger*, Jurnal Teknik Mesin Volume 3 no.2.
- Holman, J.P., 2010, *Heat Transfer 10th edition*, McGraw-Hill, New York.
- Incopera, F.P., dkk., 2008, *Fundamental of Heat and Mass Transfer*, Seventh edition, McGraw-Hill, New York.
- Jiaqiang, E., dkk., 2018, *Performance enhancement of a baffle-cut heat exchanger of exhaust gas Recirculation*, Applied Thermal Engineering 134, 86-94.
- Kern, D.Q., 1950, *Procces Heat Transfer*, McGraw-Hill, New York.
- Leoni, G.B., dkk., 2017, *Assessment with computational fluid dynamics of the effects of baffle clearances on the shell side flow in a shell and tube heat exchanger*, Applied Thermal Engineering 112, 497-506.
- Maakoul, A.E., dkk., 2016, *Numerical comparison of shell-side performance for shell and tube heat exchangers with trefoil-hole, helical and segmental baffles*, Applied Thermal Engineering 109, 175-185.
- Mellal, M., dkk., 2017, *Hydro-thermal shell-side performance evaluation of a shell and tube heat exchanger under different baffle arrangement and orientation*, International Journal of Thermal Sciences 121, 138-149.
- Ozden, I., dan Tari, E., 2010, *Shell side CFD analysis of a small shell-and-tube heat exchanger*, Journal Energy Conversion and Management 51, 1004-1014.
- Pal, E., dkk., 2016, *CFD simulations of shell-side flow in a shell-and-tube type heat Exchanger with and without baffles*, Chemical Engineering Science 143, 314-340.
- Pantakar, S.V., dan Spalding, A., 1974, *Calculation Procedure for The Transient and Steady State of Shell & tube Heat exchanger*, in: N.F. Afgan, E.O. Schlunder [Eds). Heat exchanger Desain and Theory Source Book, McGraw-hill, New York.

- Rehman, U.U., 2011, *Heat Transfer Optimization of Shell-and-Tube Heat Exchanger through CFD Studies*, Thesis, Chalmers University of Technology, Sweden.
- Robert, F.W., dan McDonald, A.T., 1994, *Introduction to Fluid Mechanics*, John Wiler & Sons Inc.
- Serna, M., dan Jimenez, A., 2005, *A Compact Formulation of the Bell-Delaware Method for Heat Exchanger Design and Optimization*, Journal of Chemical Engineering Research and Design, 83(A5):539-550
- Shinde, S., dan Chavan, U., 2018, *Numerical and experimental analysis on shell side thermo-hydraulic performance of shell and tube heat exchanger with continuous helical FRP baffles*, Thermal Science and Engineering Progress 5, 158-171.
- Vukic, M.V., dkk., 2014, *Effect of segmental baffles on the shell-and-tube heat exchanger effectiveness*, Hem Ind, 68(2):171-7.
- Wang, X., dkk., 2018, *Numerical analysis and optimization study on shell-side performances of a shell and tube heat exchanger with staggered baffles*, International Journal of Heat and Mass Transfer 124, 247-259.
- Widiawaty, C.D., 2012, *Analisis Desain dan Redesain Alat Penukar Kalor Tipe Shell and Tube dengan CFD*, Tesis, Universitas Indonesia, Depok.
- Widiawaty, C.D., dkk., 2017, *Pemodelan dan Analisis Kinerja Shell and Tube Heat Exchanger Dengan Metode CFD*, Politeknologi vol.16 no.3, Universitas Indonesia, Depok.