REFERENCES

- Abdul Majid, Z. (2004). "Stabilization/solidification of toxic and hazardous waste: Engineering and chemical considerations." Doctor of Philosophy, Universiti Malaya, KL.
- Aggarwal, L.K, Agrawal, S.P. Thapliyal, P.C. and Karade, S.R. (2008). "Cement-bonded composite boards with arhar stalks." *Cement & Concrete Composites*, 30, pp. 44-51.
- Amer, A.A., El-Didamony, H., El-Hemaly, S.A.S. and El-Alfi, S. "Rice husk ash pozzolanic cement," *Silicates Industrials 1997*, Vol 62, Iss 7-8, pp 141-147.
- Bentur, A and Mindess, S. (1990). Fiber Reinforced Cementitious Composites, Elsevier Science Publishers, Ltd.
- Bogue, R. H. (1955). *The chemistry of portland cement*. (2nd ed). New York: Reinhold Publishing Corp.
- Coatanlem, P., Jauberthie, R. and Rendell, F. (2006). "Lightweight wood chipping concrete durability." *Construction and Building Materials*, **20**, pp. 776–781.
- Cook, D.J. (1986). Rice Husk Ash. In: Swamy R.N. (Ed.) Cement Replacement Material. *Surrey University Pree, London*. pp. 171-194.
- Coutts, R. S. P. and Kightly, P. (1984). "Bonding in wood fiber-cement composites," *Journal of Materials Science*, **19**, pp. 3355-3359.
- Double, D.D. (1980). Studies of the hydration of Portland cement. Admixtures: The Concrete Society, Proceeding of The International Congress On Admixtures, 16-17 April, London, pp. 33-38.
- El-Hosiny, F.I.; Abo-El-Enein, S.A.; Helmy, I.M.; Khalil, Kh.A., "Effect of thermal treatment of rice husk ash on surface properties of hydrated Portland cement-rice husk ash pastes," *Journal of Thermal Analysis*, v 48 n 4 Apr 1997
 J.Wiley & Sons Ltd Chichester Engl pp. 809-817.

- Feng, Q.G., Yamamichi, H., Shoya, M. and Sugita, S. (2004). "Study on the pozzolanic properties of rice husk ash by hydrochloric acid pretreatment." *Cement and Concrete Research*, 34, pp. 521–526.
- Fisher, A.K., Bullen, F. and Beal, D. (2001). "The durability of cellulose fibre reinforcement concrete pipes in sewage applications. *Cement and Concrete Research*, **32**(41), pp. 543-553.
- Gabrovsek, R., Vuk, T. and Kaucic, V. (2006). "Evaluation on the Portland Cement Containing Various Carbonates by Means of Thermal Analysis." *Acta Chim. Slov.*, **53**, pp. 159-165.
- Hamdan, H., Mohd. Muhid, M.N., Endud, salasiah, Listiorini, E. and Ramli, Z.
 (1997). "²⁹Si MAS NMR, XRD and FESEM studies of rice husk ash silica for the synthesis of zeolites," *Journal of Non-Crystalline Solids*, **211**, p. 126-131.
- Hughes, D. C. and Hannant, D. J. (1985). "Reinforcement of Griffith flaws in cellulose reinforced cement composites," *Journal of Materials Science Letters*, 4, 101-102.
- Isaia, G.C., Gastaldini, A.L.G. and Moraes, T. (2003). "Physical and pozzolanic action of mineral additions on the mechanical strength of high-performance concrete." *Cement & Concrete Composites*, 25, pp. 69–76.
- James, J. and Rao, M.S. (1986a). "Reactivity of rice husk ash." *Cement and Concrete Research*, **16**, pp. 296–302.
- James, J. and Rao, M.S. (1986b). "Silica from rice husk through thermal decomposition." *Thermochimica Acta*, **97**, pp. 329–336.
- Jauberthie, R., Rendell, F., Tamba, S. and Cisse, I. (2000). "Origin of the pozzolanic effect of rice husk." *Construction and Building Materials*, **14**, pp. 419-423.
- Jauberthie, R., Rendell, F., Tamba, S. and Cisse, I.K. (2003). "Properties of cement – rice husk mixture." *Construction and Building Materials*, **17**, pp. 239-243.
- Jones, L.W. (1990). Interference mechanisms n waste stabilization/solidification processes, U.S. Environmental Protection Agency EPA/600/S2-89/067, January.
- Lea, F.M. (1970). *The chemistry of cement and concrete*, 3rd Ed., Edward Arnold Ltd., London.

- Lin, L.K., and Hwang, C.L., "Characteristics and hydration mechanism of RHA cement paste", 10th International Congress on the Chemistry of Cement, 1997, Volume 3
- Luxan, M.P., Madruga, F. and Saavedra, J (1988). 'Rapid evaluation of pozzolanic activity of natural products by conductivity measurement." *Cement and Concrete Research*, **19**, pp. 63-68.
- MacVicar, R., Matuana, L. M., and Balatinecz, J. J. (1999). "Aging mechanisms in cellulose fiber reinforced cement composites," *Cement and Concrete Composites*, 21, 189-196.
- Malhotra, V.M. and Mehta, P.K. (1996). "*Pozzolanic and Cementitious Materials*." Gordon & Breach Publishers, Amsterdam
- McCarter, W.J. and Tran, D. (1996). "Monitoring pozzolanic Activity by direct activation with calcium hydroxide." *Construction and Building Materials*, 10, pp. 179-184.
- Mehta, P. K. and Monteiro, P. J. M. (1993). *Concrete: Microstructure, Properties,* and Materials, McGraw-Hill, New York.
- Mehta, P.K. (1978). Siliceous ashes and hydraulic cements prepared there from, U.S. Patent.
- Mehta, P.K. (1987). "Studies on the mechanisms by which condensed silica fume improves the properties of concrete: durability aspects." In: International Workshop on Condensed Silica Fume in Concrete, Ottawa, Proceedings. pp. 1–17.
- Meyer, L. M., and W. F. Perenchio. 1979. Theory of concrete slump loss as related to use of chemical admixtures. Concrete International. Design and Construction 1 (1):36-43.
- Mmari, A.J., Zainal, A.A. and Liew, K.Y. (1998). "Characterisation of Pyrolysed Rice Husks and their Adsorptive Activities for Cu2+ Ions." *Malaysian Journal of Chemistry*, 1, pp. 036- 042.
- Mohr, B.J., El-Ashkar, N.H. and Kurtis, K.E. "Fiber-Cement Composites for Housing Construction: State-of-the-Art Review."
- Nair, D.G., Fraaij, A., Klaassen, A.A.K. and Kentgens, A.P.M. (2007). "A structural investigation relating to the pozzolanic activity of rice husk ashes." *Cement* and Concrete Research, Article in Press

- Nair, D.G., Jagadish, K.S. and Fraaij, A. (2006). "Reactive pozzolanas from rice husk ash: An alternative to cement for rural housing." *Cement and Concrete Research*, **36**, pp. 1062–1071.
- Neville, A.M. (1995). *Properties of concrete*. 4th. Edition, Addison Wesley Longman Ltd., England.
- Oyetola, E.B. and Abdullahi, M. (2001). "The use of rice husk in low-cost sandcrete block production." *Cement and Concrete Research*. Article in press.
- Pomeroy, D. 1989. Concrete durability: From basic research to practical reality. ACI special publication. Concrete durability SP- 100: 111-31.
- Poon, C.S., Wong, Y.L. and Lam, L. (1997). "Influence of different curing conditions on the pore structure and related properties of fly-ash cement pastes and mortars." *Construction and Building Materials*, **11** n. 7-8 Oct-Dec 1997.
- Rodriguez, d.S.G. (2006). "Strength development of concrete with rice-husk ash." *Cement and Concrete Composites*, 28, pp. 158-160.
- Shetty, .S. (1986). Concrete Technology: Theory and Practise, S.Chand & Company Ltd. New Delhi, pp. 13-24.
- Singh, N.B. (2002). "Effect of lignosulfonate, calcium chloride and their mixture on the hydration of RHA-blended portland cement." *Cement and Concrete Research*, **32**, pp. 387-392.
- Singh, N.B.; Bhattacharjee, K.N.; Shukla, A.K., "Rational utilization of rice husk ash in mini cement plants," *ZKG International* v. 50 n 10 1997 p 594-600.
- Somayaji, S. (2001). *Civil Engineering Materials*. (2nd ed.) Upper Sadle River, N.J: Prentice Hall.
- Soroushian, P. and Marikunte, S. (1992). "Moisture effect on flexural performance of wood fiber cement composites," *Journal of Materials in Civil Engineering*, 4(3), 275-291.
- Tamba, S., Cisse, I. and Rendell, F. Jauberthie R. (2000). Rice husk in lightweight mortars, In: Second International Symposium on Structural Lightweight Aggregate Concretes, Kristiansand, Norway, 18-22 June 2000: pp. 117-124.
- Tangchirapat, W., Buranasing, R., Jaturapitakkul, C. and Chindaprasirt, P. (2007).
 "Influence of rice husk-bark ash on mechanical properties of concrete containing high amount of recycled aggregates." *Construction and Building Materials*. Article in press.

Taylor, H.F.W. (1990). Cement chemistry, Academic Press Inc., New York.

- Whiting, D. 1988. *Permeability of selected concretes*. ACI special publication. Permeability of concrete SP-108: 195-222.
- Yogananda, M.R. and Jagadish, K.S. (1988). "Pozzolanic properties of rice husk ash, burnt clay and red mud." *Building and Environment*, **23** (4), pp. 303–308.
- Yu, Q.J., Sawayama, K., Sugita, S., Shoya, M. and Isojima, Y. (1999). "The reaction between rice husk ash and Ca(OH)₂ solution and the nature of its product." *Cement and Concrete Research*, **29**, pp. 37–43.
- Zhang, M.H. and Malhotra, V.M. (1996). "High-performance concrete incorporating rice husk ash as a supplementary cementing material." *Aci Materials Journal*, 93, pp. 629–636.