

## LIST OF PUBLICATIONS

### Journal Papers

Mokhtar, A.A. & Che Ismail, M. (2010). Probabilistic reliability assessment of an insulated piping in the presence of corrosion defects. *Journal of Applied Sciences*. doi:10.3923/jas.2011.

Muhammad, M., Abdul Majid, M.A & Mokhtar, A.A. (2010). Reliability evaluation for a multi-state system subject to an imperfect repair and maintenance, *International Journal of Engineering & Technology*, 10(1), 80-85.

Mokhtar, A.A., Che Ismail, M. & Muhammad, M. (2009). Comparative Study between Degradation Analysis and First Order Reliability Method for Assessing Piping Reliability for Risk-based Inspection, *International Journal of Engineering & Technology*, 9 (10), 99-104.

### Conference Papers

Mokhtar, A.A. & Che Ismail, M. (2010, June). *Probabilistic reliability assessment of an insulated piping in the presence of corrosion defects*. Paper presented at the International Conference on Plant Equipment and Reliability, Kuala Lumpur, Malaysia.

Mokhtar, A.A., Che Ismail, M. & Muhammad, M. (2009, November). *Estimation of insulated system transition probabilities from inspection data*. Paper presented at NACE East Asian & Pacific Regional Conference & Exposition 2009, Kuala Lumpur, Malaysia.

Mokhtar, A.A. & Che Ismail, M. (2009, March). *Prediction modelling of equipment failure in risk-based inspection*. Paper presented at National Postgraduate Conference, Tronoh, Perak, Malaysia.

Mokhtar, A.A., Che Ismail, M. & Muhammad, M. (2008, December). *Assessing piping reliability subject to wall thinning using degradation analysis*. Paper presented at 2<sup>nd</sup> Engineering Conference on Sustainable Engineering Infrastructures Development and Management, Kuching, Sarawak, Malaysia.

Mokhtar, A.A. & Che Ismail, M. (2008, May). *A fuzzy-based model to determine corrosion rate for carbon steel subject to corrosion under insulation*. Paper presented at NACE East Asia Pacific Regional Conference 2008, Kuala Lumpur, Malaysia.

Mokhtar, A.A & Che Ismail (2007, September). *Failure prediction models used in risk-based inspection: An overview*. Paper presented in 3<sup>rd</sup> NDT & Corrosion Management Asia Conference & Exhibition, Kuala Lumpur, Malaysia.