

## PUBLICATIONS

### PRINCIPAL PUBLICATIONS

- 1- Mustafa H. M. and Alshaia T. N., "Targeting High Quality Motor Gasoline in a Saudi Refinery", Engineering Journal of the University of Qatar vol.19 , pp 25-34, 2006.
- 2- Mustafa H.M., "Transfer Processes for Chemical Engineering", Part II: Distillation , fractionation and refining, Arab Scientific Publishing, Bayreuth, Lebanon, 2005.
- 3- Al-Masry W.A., Mustafa H.M., Alsugair; K.A., AbuKhalaf; A.M., "Unit Operations for Particulate Solids", 2<sup>nd</sup> ed with modifications and additions, KUP, Riyadh, SA, 2005.
- 4- Mustafa H.M., "Transfer Processes for Chemical Engineering", Part I: Absorption, humidification and drying, (in Arabic), Arab Scientific Publishing, Bayreuth, Lebanon, 2003
- 5- Al-Masry W.A., Mustafa H.M., Alsugair K.A., AbuKhalaf A.M., "Unit Operations for Particulate Solids", 1st edition- (Arabic), Al-Kheraijy Publishing , Riyadh, SA, 2001.
- 6- Mustafa H.M. and Eltayeb T., " The Evaluation of Engineering Curricula of Faculties of Engineering in Sudanese Universities and Higher Institutes (Chemical, Mining, Petroleum and Textile) ", Publications of the National Commission of UNESCO and Ministry of Higher Education and Scientific Research, Khartoum, Sudan, 1996.
- 7- Mustafa H.M. " Dimension in Staff Capacity and Capability", Workshop on Staff Development, U. of K., Khartoum, Sudan, May 1992..
- 8- Mustafa H.M. and El Amin I.H.M., , " The Enhancement Factors for Absorption of Carbon Dioxide into Aqueous Solutions of Sodium Phenoxide", J. King Saud Univ., 14(2), pp 183-196, 1988.
- 9- Abdalla O.A. and Mustafa H.M. " Desalination option for Portsudan area", Arkawit Conference: Socio-economic Development of Eastern Sudan, Portsudan, 1978.
- 10- Mustafa H.M., " Industrial development for Northern Sudan", Arkawit Conference: Scio-economic Development of Northern Sudan, Kareemah, 1975.
- 11- Ross T.K. and Mustafa H. M., "Absorption of Carbon Dioxide by Sodium Phenolic Salt Solution", Chem. Eng. J., vol. 5, pp 261-266, 1973.

### STUDIES AND TECHNICAL REPORTS

Took part in and contributed to the following studies and technical reports:

- 12- Establishment and Development of Engineering curricula for the Faculty of Engineering and Technological Studies , Al Imam Al Mahadi university, Sudan,1994.
- 13- Refining Options for Sudan: cases of blending local Sudanese crude oils with different imported crudes. For CONCORP, Sudan,1992-1994.
- 14- Portsudan and Sawakin Water and Electricity Project. For the PPU of the Ministry of Economics and National Planning, Sudan, 1988-1993.
- 15- Engineering curricula for the departments of: Mining Engineering 1990 and Petroleum Engineering, U of K, Sudan, 1993.

- 16- Engineering curricula for the college of Engineering, Kordofan University, Ministry of Higher Education and Scientific Research, Khartoum, Sudan, 1993.
- 17- Drafting Sudanese Specifications of Petroleum Products. For the Ministry of Industry and Energy, Sudan, 1979-1980.
- 18- Study for the establishment of the College of Petroleum and Mining at Portsudan. For NCR, Sudan, 1976.
- 19- Mustafa, H.M. and Elkanzi, E.M. ; “ Prospects of Limestone Industries in Sudan “ National Council for Research Report , Sudan , 1974
- 20- Elkanzi, E.M. and Mustafa, H.M.; “ Prospects of Gypsum Industries in Sudan “ National Council for Research Report , Sudan , 1974 .