

# Curriculum Vitae



## Personal Data

**Name** Refaie Ahmad Sharkawi Omar.

**Address** El-Raisia, Nag-Hammady, Qena, Egypt.

**Current Job** Assistant Lecturer at Mining and metallurgical Engineering Department, Faculty of Engineering, Assiut University, Egypt.

**Citizenship** Egyptian.

**Date of Birth** November 22, 1980.

**Marital status** Married.

**Language** Arabic (native), English (69 iBT TOEFL).

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## Education Qualification

- 1) B.Sc [2005] in Mining and Metallurgical Engineering Department, Assiut University, Assiut, Egypt, with commutative average grade very good with honor degree (79.2%).
- 2) Preparatory M. Sc. Courses, during my work toward my M. Sc. degree: I passed successfully five graduate courses with grade Very Good (86.2%) which are:
  - Metal foam production and characterization [Excellent].
  - Numerical analysis [Excellent].
  - Advanced Engineering Mathematics [Excellent].
  - Testing of materials and failure analysis [Good].
  - FORTRAN Programming [Good].
- 3) M. Sc. Degree in Metallurgical Engineering "Aluminum foam production and characterization"

## Publications

- M. S. Aboraia, R. A. Sharkawi, M. A. Doheim "Production Of Al-Foam And The Effect Of Calcium Carbonate As A Foaming Agent" . Journal of Engineering Science, Fac. of Eng. Assiut, Egypt, Vol.39, No 2, pp 441-451, march 2011.

- R. A. Sharkawi "Studies On Al-Foam Production And Characterization" M. Sc. Thesis, Assiut University, Egypt, (2011).

- M. A. Doheim, M. S. Aboraia, R. A. Sharkawi, " Effect of foaming parameters on the mechanical behavior and energy absorption of Aluminium foam blown by CaCO<sub>3</sub>" submitted in Material Science and Engineering A.

### **Experience**

- Working as Assistant Lecturer at the Metallurgical Engineering Department, Assiut University, Assiut, Egypt, during the period from September 2011 until present.

- Working as a demonstrator at the Metallurgical Engineering Department, Assiut University, Assiut, Egypt during the period from march 2007 to September 2011.

- Training in Aluminum company of Egypt (15 days during 2001 summer).

- Training in Aluminum company of Egypt (15 days during 2002 summer).

- Training in Aluminum company of Egypt (15 days during 2003 summer).

- Training in Aluminum company of Egypt (15 days during 2004 summer).

- Industrial Technical Institute for aluminum (2 years)

- Diploma of apprenticeship. Specialty production and Casting of aluminum (3 years)

### **Course Taught**

Assisted in teaching the following undergraduate courses:

- Principals of metallurgical Engineering (2nd Year)
- Principals of physical metallurgy (2nd Year)
- Extractive metallurgy (3rd Year)
- Applications of computer in mining industry (2nd Year)
- Ore dressing (3rd year)
- Ore dressing (4th year)

### **Co-Supervising Research Projects**

Supervising B.Sc. projects for undergraduate students (Metallurgical section)

- Aluminizing of steel (2012)
- Metal foam production (2009)
- Surface heat treatment (2008)
- Design of rolling unit (2007)

### **Prizes**

I have obtained prizes for top undergraduate student in the following subjects:

- Principals of metallurgical Engineering
- Principals of physical metallurgy
- Extractive metallurgy
- Applications of computer in mining industry
- Material Science

### **Computer Skills**

- FORTRAN Programming.
- ORIGIN program.
- Harvard graphic program.
- Microsoft office (ICDL certificate).
- Internet skills.
- Ability to learn any software.

### **References**

- Prof. Dr. Mohammed S. Aboraia, Prof. of Metallurgy, Faculty of Eng., Assiut University, Assiut, Egypt. [ maboraia@hotmail.com ]
- Dr. El Sayed Oraby, Assiut University, Lecturer in Min. and Met. Eng. Dept., Assiut University, Assiut, Egypt and Projects Scientist , CSIRO Process Science and Engineering division, Karawara, WA 6152, Australia. [s\_oraby@yahoo.com ]