
Curriculum Vitae

1. Personal Details

Full Name: Osama Abrahiem Muhamed AL Falahi
Nationality: Iraqi
Country of Residence: Malaysia
Education: PhD Candidate
Main specialty: Chemical Engineering
Marital Status: Married



Current Home Address:

B-P2-17-05, Sri Camellia apartment, Jalan Sepakat Indah 1, Kajang, 43000, Selangor, Malaysia

E-mail: Chemical_engg@yahoo.com
Cell phone: +60 -1139686207

2. Education and Qualifications

Education	Major	Country	University	Graduation Date
Master of Engineering	Chemical Engineering	Malaysia	University Kebangsaan, Malaysia (UKM)	2015
Bachelor of Engineering	Chemical Engineering	Iraq	University of Baghdad , Iraq	2004

3. Skills and Work Experience

3.1 Computer Skills

- Auto Cad 2D,3D
- Aspen Hysys.
- Microsoft project management.
- Design Expert.
- English, Arabic.

➤ **PROFESSIONAL DEVELOPMENT AND TRAINING**

TRAINING	COUNTARY	Date
1. Training on water desalination plant (Reverse Osmosis) Italian.	Amman, Jordan	2009
2. Cambridge International Diploma in IT Skills.	Amman, Jordan	2009
3. Analysis and engineering design using Sap2000 program.	University of Technology, Iraq	2009
4. Engineering test importance and ways to deal with it.	College of Engineering, Baghdad	2010
5. Project Management Professional (PMP).	AL Anbar Health Department	2010
6. Leadership and communication.	Ministry of Health ,Iraq	2011
7. Chemical tests and microscopic mechanical metals.	Ministry of Industry and Minerals ,Iraq	2011
8. Contractor Rehabilitation.	foundation of Technical Education, Fallujah, (UN Habitat)	2011
9. Rheometer Training.	Faculty of Engineering University Malay, Anton Paar.	2015

3.2 PROFESSIONAL EXPERIENCE

➤ **RESEARCH INTERESTS**

- 1- Industrial wastewater treatment by advanced oxidation technology.
- 2- Industrial wastewater treatment by electrocoagulation technology.
- 3- Industrial wastewater treatment by membranes.
- 4- Wastewater treatment in hospitals by phytoremediation.

➤ **INDEPENDNT ENGINEERING CONTRACTOR**

1. Maintained two hospital wastewater plants of 200 cubic meter per day.
2. Designed, built, and installed reverse osmosis system with a capacity of 0.5 cubic meters per hour in artificial kidney department in Fallujah hospital.
3. Designed, built, and installed reverse osmosis system with a capacity of 0.5 cubic meters per hour sterilized by ozone in burn department in Fallujah hospital.
4. Designed, built and installed softeners with a capacity of 1 cubic meter per hour.
5. Designed, built, and installed reverse osmosis system with a capacity of 0.5 cubic meters per hour sterilized by ozone for drinking.

➤ **MY RESPONSIBILITES AS A COMMISSIONING ENGINEER WERE :**

1. Creating and carrying out test procedures.
2. Investigating problems, diagnosing/repairing faults.
3. Trouble shooting.
4. Supervising technical staff.
5. Training maintenance and operative staff where appropriate.
6. Give a training for the operators of deferent water treatment systems and plants.

➤ **RESEARCH EXPERIENCE**

- Worked for research assistant in University of Malay department of chemical engineering my project dehydration of natural gas 2014-2015.
- **Title of Master Thesis:** Phytoremediation of simulated pharmaceutical wastes hospital using Scirpus grossus plant.
- **Title of Bachelor Thesis:** Production of Benzoic acid 5000 ton/year.