

Curriculum Vitae (CV)

Surname: **Maatgi** Forename: **Musbah Kharis**

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--PROFILE--

I received the PhD in Industrial Engineering and Technology from Huddersfield University, UK, in 2015. I graduated in 1988 with a BSc Degree in Metallurgical Engineering from the Tripoli University, Libya and attained an MSc in Production and quality control from the Industrial Technical College, Misurata, Libya in 2002. I worked as a Supervisor in Libyan Iron and Steel company with responsibility for quality and product conformance after which I worked as a lecturer from 2006 to 2008 at the Faculty of Engineering in the University of Misurata, Currently I am head of Materials Science and Engineering Department at the faculty of Engineering in the University of Misurata. I have presented many papers in national and international conferences and I have published papers in national and international journals. My current interests include production of iron and steel, metal shaping, quality control, ISO 9000 standards, cement industry, welding metallurgy, management engineering, and , production of non-ferrous of metals.

TEACHING EXPERIENCE

2006-2008 Lecturer in Materials Science and Engineering department, Faculty of Engineering, Misurata University.

- I taught these subjects in Materials Science and Mechanical Engineering Departments:
 1. Iron and Steel making.
 2. Quality control.
 3. Metal shaping.
 4. Cement industry.
 5. Heat treatment.
 6. Engineering production
 7. Physics-1.
 8. Welding Metallurgy.
 9. Engineering Management.
 10. Production of Non-ferrous of metals.
- Internal examiner for a lot of BSc projects.
- Supervisor for BSc Project in materials Science and Engineering department.
- Supervisor for High diploma project in management.

INDUSTRY EXPERIENCE

1989-2005 Supervisor of flat rolling mill Laboratory; quality Control department, Libyan Iron and Steel Company.

- Responsibilities:
 1. Principal responsibility to follow inspection processes in lines and testing of products.
 2. Responsibility to prepare daily, weekly, and monthly reports.
 3. Hold weekly meeting with production members (Production Manager, Production Engineer, maintenance Engineer).
 4. Pursuing the customers' orders through inspection and testing records.
 5. Responsible on the ISO 9000 standards implementation in flat mill laboratory.
 6. Member of quality committee to address the defects in the production.
 7. Member of the Committee for the initial receipt of some factories.

ACADEMIC QUALIFICATIONS

2015 School of Computing and Engineering, Huddersfield University. UK, Ph.D in Industrial Engineering.

2002 Industrial Technical College, Misurata. MSc in Industrial Engineering, Production and quality department (graduated with high grade-Very good)

- I studied these subjects to get on MSc:
Operation research, Quality control, Production techniques, Advanced Statistics , Measurement and Testing Methods, Project Management
Production planning and Follow up, Thermo system planning.
- MSc project was on the effect of flat rolling defects on the consumption of Zinc in galvanizing line.

1988 Department of Metallurgical, Tripoli University, Tripoli-Libya BSc Metallurgical Engineering (graduated with high grade- Excellent)

- I studied these Subjects to get BSc: Physical Metrology1,2 &3, Physical Chemistry, Heat treatment, Ore dressing 1&2, Physics of Metals, Ferrous of metals, Non-ferrous of metals, Corrosion, Strength of material, Metal shaping, , Thermodynamic, Engineering drawing, Physics 1&2, Organic chemistry, inorganic chemistry, Mathematics 1,2,3 &4, English Language 1 &2, Geology, and Arabic Language.
- Graduation project (the factors affecting the purification of copper electrically).

TRAINING COURSES

- Industrial administration 20.04.1991.
- Quality assurance 15.03.1994.
- Protective maintenance 21.02.1991.
- ISO 9000 first part 18.09.1996.
- Procedures of applying specification12.05.1995.
- Developing skills of effective supervision 20.03.2003.

- Administration information system 14.06.2001.
- The performance of metal alloys in the industry 06.06.1991.
- Non-destructive testing for metals 15.04.1992.
- SPSS software 20.11.2013.

SPECIALIST KNOWLEDGE

Wide experience in administrative supervision in factories, ISO 9000 implementation and auditing, Teaching, Word, Power point, SPSS software.

INTERESTS AND ACTIVITIES

- Light exercises and the walking.
- Watching football.

REFEREES

Contact details for referees will be provided, upon request.

APPENDIXS

APPENDIX A: Research Supervision

- Maatgi. M, M.Fatama, (2008), "The use of quality control charts", Faculty of Engineering, Misurata- Libya.
- Maatgi. M, Z. Ali, (2004), "Stimulation, motivation, and measurement of humanitarian needs" Higher institute Management. Misurata- Libya.
- Maatgi.M, Elsharif,Z.A,& Gibreel,A.A. (2017) "Manufacturing and Mechanical Properties Investigation for composite Materials" , Materials Science and Engineering Department, Faculty of Engineering, Misurata-Libya.
- Maatgi.M, Imeetgi.S.(2018). " Study the effect of hot and cold formation on some mechanical properties and microscopic structure of low carbon steel" Materials Science and Engineering Department, Faculty of Engineering, Misurata-Libya.

APPENDIX B: Professional Activities

- Member of committees' examination for BSc projects.
- Member of total quality management in iron and steel company.
- Member of committee to find solution for steel product defects.
- Member of delivery committees for three lines in Iron steel company.
- Head of a review committee, for final an examinations at faculty of Engineering, Spring 2017-2018.

APPENDIX C: Conferences

I presented at the following:

- Maatgi, M. K. & Denton. P. D. (2013). “The successful implementation of ISO 9000 through work environment analysis: A UK case study perspective”. In: Proceedings of Computing and Engineering Annual Researchers' Conference 2013: CEARC'13. University of Huddersfield, Huddersfield, pp. 67-72. ISBN 9781862181212.
- M.Maatgi, P.D.Denton, (2011), “Understanding the Determinants of SMEs ISO 9000 Success: Towards a Classification of Work Environment”, 21st International Conference on Research production, Stuttgart, Germany.
- M.Maatgi, P.D.Denton, (2011), “The rule of Work Environment in the Successful Implementation of ISO 9000 in SMEs”, the fourth Scientific Symposium for Libyan Students in the UK, Cardiff.
- M.Maatgi, P.D.Denton, (2010), “Achieving ISO 9000 Success in SMEs: The Development of a Work Environment Framework”, Computing and Engineering Annual research's Conference, Huddersfield University.
- M.Maatgi, S.Alsaad, (2003), “the effect of flat rolling defects on the consumption of Zinc in galvanizing line” 2nd Infrastructure Conference in Libya, Benghazi, Libya.

APPENDIX D: Journal Papers Accepted

1. Maatgi, M. K. & Denton. P. D. (2013). The Development of a Work Environment Framework for ISO 9000 Standards Success, *International Journal of Quality and Reliability Management*.
2. Maatgi.M, k.,Elsharif,Z.A,&Gibreel,A.A.(2017). Manufacturing and Mechanical Properties Investigation for composite Materials, *The International Journal of Engineering and Information Technology*.Vol,4,No.1.
3. Maatgi, M. K., al-Zobi, O. M, & bheji.H.A. (2018). The Influence of Different Parameters on the Electro Refining of Copper, *The International Journal of Engineering and Information Technology*.Vol,4,No.2.
- 4.مصباح خريص معاتقي، فاطمة جبريل ابوجبيرة.(2019) قياس مقدرة العملية الإنتاجية لبعض العناصر الداخلة في تركيب الصلب **GR 40 M** بمصنع الصلب رقم 1- بالشركة الليبية للحديد والصلب ، مجلة السائل المحكمة. فبراير، العدد.19.