



CURRICULUM VITAE

TARIQ A. ALDOWAISAN, Ph.D. **CSP, CQM/OE, CQE, CQA**

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Dr. Tariq Aldowaisan consults and trains in both Quality and Safety. His competency in both areas is recognized through certifications by two worldwide, leading professional organizations:

American Society for Quality (ASQ) ... where he is a

- Certified Quality Manager/Organizational Excellence (CQM/OE)
- Certified Quality Engineer (CQE)
- Certified Quality Auditor (CQA)

Board of Certified Safety Professionals (BCSP) ... where he is a

- Certified Safety Professional (CSP)

AREAS OF EXPERTISE

- Quality Engineering and Management.
- Safety Engineering and Management.
- Laboratory Development.
- International Systems Standards:
 - ISO 9001 Quality Management System.
 - ISO 14001 Environmental Management System
 - ISO 17025 Laboratory Competency Management System
 - OHSAS 18001 Quality Management System
 - API 9100 EHSMS Environmental Health & Safety Management System
 - Service First Program (British Quality Program for Public Services; previously known as Citizen Charter).
 - American Board for Engineering & Technology; ABET – 2000 Engineering Criteria

EDUCATIONAL BACKGROUND

Ph.D. (1991), **MS** (1986), **BS** (1983) ... Industrial & Management Systems Engineering, Arizona State University, USA.



PROFESSIONAL CERTIFICATIONS

- **Certified Safety Professional #18274**... Board of Certified Safety Professionals
- **Certified Quality Manager #6072** ... American Society for Quality
- **Certified Quality Engineer #41600** ... American Society for Quality
- **Certified Quality Auditor #21946** ... American Society for Quality

PROFESSIONAL DEVELOPMENT

1. **Outcome-Based Course and Class Room Assessment** (5 December 2005) ... College of Engineering & Petroleum, Kuwait University.
2. **Occupational Health and Safety Management Systems – Auditor Conversion Training Course** (24-26 February 2005) ... IRCA Approved Course (A16205), Successful completion of course assessment and examination (HS/05/IN/706), BVQI.
3. **Comprehensive Review of Industrial Hygiene** (16-20 August 2004) ... Rocky Mountain Center for Occupational and Environmental Health, ABIH Approved, University of Utah.
4. **CSP Examination Preparation Workshop** (22-24 April 2004) ... American Society of Safety Engineers, Providence, Rhode Island.
5. **ASP Examination Preparation Workshop: Safety Fundamentals** (19-21 April 2004) ... American Society of Safety Engineers, Providence, Rhode Island.
6. **Occupational Health and Safety Management Systems, Fire and Loss Prevention** (6-8 November 2000) ... Deeside College, United Kingdom.
7. **Hazardous Materials Management** (17 March 2000) ... Oklahoma State University, USA.
8. **Shipping of Wastes & Hazardous Materials** (15 March 2000) ... Oklahoma State University, USA.
9. **Advanced Environmental Management Systems Auditor Course** (14-18 June 1999) ... ANSI/RAB-NAP-Accredited, EARA Approved.
10. **Preparing the Service Organization for ISO 9000 Registration** (11-13 May 1999) ... The American Society for Quality (ASQ), USA.
11. **Trained ISO 9001 QMS Lead Auditor** (11-15 March 1996) ... ANSI/RAB-NAP-Accredited.
12. **Quality Management System and the ISO 9000 International Standards – Basis for Business Improvement** (22-25 January 1995) ... RESOURCE and The Ministry of Commerce & Industry, Kuwait.
13. **Business Process Re-engineering** (3-4 April 1994) ... IBM Canada & The Arabian Scientific Information Co., Sheraton, Cairo.

ADVISORY & CONSULTATION

EXPERIENCE

1. **Lead Auditor** (24 March – 2 April 2007) Conduct Audit of Public Relations & Communications Department ... Kuwait National Petroleum Company.
2. **Project Manager & Consultant** (January – June 2006) Conduct study/survey on "KNPC Local Manufacturers and Contractors." ... Kuwait National Petroleum Company.
3. **Committee Member** (Since Nov. 2005) Academic Engineering Council, Kuwait Society of Engineers, Kuwait.
4. **Committee Member** (Since June 2005) Develop Injazat Program for Ministry of Defence, Kuwait.
5. **Lead Auditor** (23 – 24 May 2005) Conduct internal audit as per ISO 17025:1999 at INCO-Lab Company, Kuwait.
6. **Managing Director** (2004 – Now) Gulf Lead Consultant.
7. **Committee Member** (2004 – Now) Qualify Industrial Engineering applicants to the rank of "Consultant-Industrial Engineer" ... Kuwait Society of Engineers, Kuwait.
8. **Project Manager & Consultant** (March 2004 – April 2005) Develop and Implement ISO 17025 Laboratory Competency System ... INCO-Lab Company, Kuwait.
9. **Project Manager & Consultant** (Feb 2004 – Jan 2005) Develop and Implement HSE Professional Development/Training & Credentialing Programs for the National Oil Sector ... Kuwait Oil Company.
10. **Advisor** (Jan-Feb 2004) Review of Proposal for a "Contract for Retainer Services between Kuwait Port Authority and Gulftainer Limited Co." ... Kuwait Port Authority.
11. **Team Coordinator & Lead Auditor** (Sept 2003 – May 2004) Evaluate Applications to the Laboratory Excellence (LABEX) Award 2003/2004 ... College of Engineering & Petroleum, Kuwait University.
12. **Senior Advisor** (Oct 2003 – July 2004) Engineering Advisor ... Kuwait Small Project Development Company.
13. **Project Manager & Consultant** (May 2003 – Now) Project Management to Develop a Marketing and Business Strategy and Implementation Plans for KPA ... Kuwait Ports Authority and Ministry of Planning.
14. **Team Coordinator & Lead Auditor** (Sept 2002 – May 2003) Evaluate Applications to the Laboratory Excellence (LABEX) Award 2002/2003 ... College of Engineering & Petroleum, Kuwait University.
15. **Country Councilor for Kuwait** (2001- Now) ... American Society for Quality).
16. **Consultant** (May – August 2002) Business Process Reengineering in HR Department ... Gulf National Consultants, Kuwait Finance House.
17. **Lead Auditor** (29 May 2002) Perform Internal Audit on the Civil Engineering Testing Center as per ISO 17025:1999 Laboratory QMS and A2LA requirements ... Office of Consultation & Career Development, College of Engineering & Petroleum, Kuwait University.

18. **Lead Auditor** (7 May 2002) Perform Internal Audit on Office of Consultation & Career Development as per ISO 9001:2000 QMS ... Office of Consultation & Career Development, College of Engineering & Petroleum, Kuwait University.
19. **Project Manager & Lead Auditor** (Dec. 2001 – May 2002) Develop and Evaluate Applications to the Laboratory Excellence (LABEX) Award ... College of Engineering & Petroleum, Kuwait University.
20. **Project Manager & Consultant** (Oct. 2001 – Nov. 2002) Developing and Instituting Quality Principles in FET ... Functional Excellence Team, Kuwait National Petroleum Company.
21. **Project Manager & Consultant** (Nov. 2000 – Sept. 2002) Develop and implement ISO 17025 Laboratory Quality Management System to qualify CETC for accreditation ... Civil Engineering Testing Center (CETC), College of Engineering and Petroleum, Kuwait University.
22. **Study Supervisor** (Dec. 2000 – Oct. 2001) Conduct Study on the “Training and educational capabilities of KU and PAAET and their programs suitability for the needs of the industrial sector” ... Industrial Planning Department, Public Authority for Industry.
23. **Project Manager & Consultant** (Oct. 2000 – July 2002) Develop and implement ISO 9001 Quality Management System to qualify OCCD for certification. (Achieved first time certification with zero nonconformities) ... Office of Consultation and Career Development (OCCD), College of Engineering and Petroleum, Kuwait University.
24. **Senior Quality & EMS Consultant** (May 1999 - June 2000) In charge of the business unit responsible for giving consulting and training services in international management system standards ... National Environmental Services Co.
25. **Team Leader** (March 2000 – Jan. 2001) Prepare for workshop “Quality Management in small and medium size industrial establishments” ... Arab School for Science and Technology, Kuwait Foundation for the Advancement of Science.
26. **Study Supervisor** (Jan. – June 2000) Conduct Study on “Increasing the local workforce contribution in the private industrial sector” ... Industrial Planning Department, Public Authority for Industry.
27. **Corporate Senior Advisor** (Sept. 1997 – Feb. 1999) Advised top management to set up company and provide services to public ... Public Services Co., Kuwait.
28. **Consultant and Judge** (July 1998 – April 1999) Develop and Evaluate Applications in the Kuwait Quality Award for Institutional Excellence ... Al-Awqaf Public Foundation, Kuwait.
29. **Study Team Member** (April – May 1998) Assess the need for technical labor by government organizations until year 2010 ... Arab Development Center, Kuwait.
30. **Assessor** (Jan. – April 1996) Audited Kuwait Compost Company ... Municipality of Kuwait.
31. **Team Leader** (August 1995 – May 1996) Design the high school curriculum, Industrial Branch ... Ministry of Education.

32. **Senior Advisor** (1992-96) Advise on technical and administrative matters related to establishing the Diwan of Follow-Up, Council of Ministers. This included participating in several teams as a leader and as a member as follows:
 - Team leader, "Study of Follow-Up Offices Using Simulation".
 - Team leader, "TOR Preparation for Public Services Centres Project and Services Follow-Up Offices Project".
 - IT Team Leader, "Prepare Strategy for Managing IT and Preparation of TOR to Procure IT Equipment".
 - Team Member, "Feasibility Study for Establishing Public Information System".
 - Team Member, "Prepare the Permanent Diwan Facilities".
 - Team Member, "Define Procedures for Receiving and Handling Complaints".
 - Study Supervisor, "Study of Manpower Allocation in Complaint Department using Queuing Theory".
33. **Consultant** (1991-92) Participated in the Three-Year Government Development Program-1992-1995 ...Civil Service Commission, Kuwait.

TRAINING

EXPERIENCE

1. **Program Coordinator & Trainer** Train-The-Trainer Program on "Permit To Work Procedure, Incident Reporting and Investigation Procedure, Preparation of Project HSE Plan and EIA Plan Procedure, Plant Safety Override Procedure, Electrical Multilock & Tagout Procedure." ... Kuwait Oil Company.
2. **Program Coordinator & Trainer** (50 half a day training sessions from September 2006 – February 2007) Special Training Sessions on "Permit To Work Procedure, Incident Reporting and Investigation Procedure, Preparation of Project HSE Plan and EIA Plan Procedure, Plant Safety Override Procedure, Electrical Multilock & Tagout Procedure." ... Kuwait Oil Company.
3. **Program Coordinator & Trainer** (8 – 9 Nov. 2006) Special Training Program on "HSE and HSEMS Orientation, Office HSE & Security, Evacuation Plan, and Fire Prevention and Protection." ... Kuwait Foreign Petroleum Exploration Company.
4. **Program Coordinator & Trainer** (31 Oct – 2 Nov. 2006) Special Training Program on "HSE and HSEMS Orientation, Office HSE & Security, Evacuation Plan, and Fire Prevention and Protection." ... Kuwait Foreign Petroleum Exploration Company.
5. **Program Coordinator & Trainer** (18 – 21 Sept. 2006) Special Training Program on "HSE and HSEMS Orientation, Office HSE & Security, Evacuation Plan, and Fire Prevention and Protection." ... Kuwait Foreign Petroleum Exploration Company.
6. **Program Coordinator & Trainer** (11 – 14 Sept. 2006) Special Training Program on "HSE and HSEMS Orientation, Office HSE & Security,

- Evacuation Plan, and Fire Prevention and Protection.” ... Kuwait Foreign Petroleum Exploration Company.
7. **Lecturer** (2 August 2005) “Fundamentals of Safety in the Workplace.” ... Ministry of Defence.
 8. **Program Coordinator & Trainer** (26 July 2005) Private 1 day Training Program on “How Do We Improve Safety?” ... Ministry of Defence.
 9. **Program Coordinator & Trainer** (15– 16 Feb. 2005) General Training Program on “Understanding the ISO 17025 International Standard for Laboratory Competence Workshop.”
 10. **Program Coordinator & Trainer** (11– 15 Dec. 2004) General Training Program on “Laboratory Quality Control & Assurance: Integrated Approach.”
 11. **Program Coordinator & Trainer** (15 – 23 Feb. 2004) Private 6 days Training Workshop on "ISO 17025 International Standard for Laboratory Competence" ... Public Authority for Industry (PAI).
 12. **Program Coordinator & Trainer** (Sept. 2003 – March 2004) Companywide, Private 2-day Training Program that is offered 30 times to train about 400 senior engineers, engineers, supervisors, and foremen on “Health, Safety and Environmental Management System” ... Kuwait Oil Company (KOC).
 13. **Program Coordinator & Trainer** (27 & 29 April 2003) Private 2-day Training Workshop on “Basic Improvement Tools Workshop” ... Kuwait National Petroleum Company (KNPC).
 14. **Program Coordinator & Trainer** (Dec 2002 – March 2003) Companywide, Private 2-day Training Program that is offered 31 times to train about 400 senior engineers, engineers, supervisors, and foremen on “Health, Safety and Environmental Management System” ... Kuwait Oil Company (KOC).
 15. **Trainer** (18-22 Jan. 2003) General Training Program on “From Quality Control to Total Quality: An Integrated Approach.”
 16. **Program Coordinator & Trainer** (28 Dec. 2002 – 1 Jan. 2003) General Training Program on “Laboratory Quality Control & Assurance: Integrated Approach.”
 17. **Program Coordinator & Trainer** (14-18 Dec 2002) General Training Program on “Laboratory Quality Control & Assurance: Integrated Approach.”
 18. **Program Coordinator & Trainer** (26-29 May 2002) General Training Program on “Developing an Effective ISO 9001:2000 QMS in your Organization.”
 19. **Workshop Manager & Trainer** (10-13 March 2002) Workshop on the “Applications and Practices of Quality in Oil Industry: Engineering and Management Approach” ... Public Authority for Applied Education and Training.
 20. **Program Coordinator & Trainer** (2-5 February 2002) Private Training Program on “Inventory & Materials Management” ... Kuwait National Petroleum Company (KNPC).



21. **Program Coordinator & Trainer** (November 2001) Private Training Program on “Internal Quality Audit ISO 9001:2000 ... Kuwait National Petroleum Company (KNPC).
22. **Program Coordinator & Trainer** (May 2001) General Training Program on “From Quality Control to Total Quality: An Integrated Approach.”
23. **Program Coordinator & Trainer** (April 2001). Private Training Program on “Total Quality Management for Corporate Excellence” ... Managers of Kuwait National Petroleum Company (KNPC).
24. **Trainer** (Feb. – April 2000) Company-Wide, Private 2-day Training Program that is offered 21 times to train 336 senior engineers and engineers on “Health, Safety and Environmental Management System” ... Kuwait Oil Company (KOC).
25. **Speaker** (28 Feb. 2000) Presentation on “International Management Systems Standards” ... American Society of Mechanical Engineers – Kuwait Section.
26. **Program Coordinator & Trainer** (4-7 Dec. 1999) Private Training Program on “The Journey to ISO 9001 Registration” ... Ministry of Electricity and Water.
27. **Trainer** (Nov. 1999) Private Training Program on “Excellence Performance Evaluation - Methodology and Tools” ... Human Investment Corp.
28. **Program Coordinator & Trainer** (15-19 May 1999) Private Training Program on “TQM & ISO 9000” ... Kuwait Foundation for the Advancement of Sciences.
29. **Program Coordinator & Trainer** (28 Feb-3 March 1999) General Training Program on “Quality Assurance Through ISO 9001 Registration.”
30. **Program Coordinator & Trainer** (May 1997) Private Training Program on “ISO 9001 Registration” ... Al-Yousefi Company.
31. **Program Coordinator & Trainer** (9-12 June 1996) General Training Program on “Quality Assurance and Management Using ISO 9000.”
32. **Trainer** (May 1996) General Training Program on “Cost Estimation in Industry.”
33. **Program Coordinator & Trainer** (14-17 Jan. 1996) General Training Program on “Quality Assurance Through ISO 9001 Registration.”
34. **Trainer** (April 1995) Private Training Program on “Inventory Systems & Modern Material Handling Methods” ... Public Authority for Applied Education & Training.
35. **Program Coordinator & Trainer** (Dec. 1994) Private Training Program on “Business Process Re-engineering” ... Civil Service Commission.

ACADEMIC **EXPERIENCE**

1. **Coordinator** (November – December, 2005) Nomination Committee for The Director of Inspection, Testing, and Calibration Center, College of Engineering & Petroleum, Kuwait University.
2. **Coordinator** (July – August, 2005) Nomination Committee for The Director of Engineering Training and Alumni Center, Kuwait University.

3. **Advisor, Student Chapter** (Since June 2005) ... American Society of Safety Engineers – Kuwait Chapter.
4. **Session Chair** (4 - 6 Dec. 2004) ... The Third International Health, Safety, Environment and Loss Prevention Professional Development Conference and Exhibition, Kuwait.
5. **Department Chairman** (Oct. 2001 – Jan. 2006) ... Department of Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University.
6. **Associate Professor** (Since April 2001) ... Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University.
7. **Assistant Professor** (August 1991- March 2001) ... Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University.
8. **Scholarship Student** (January 1985 – May 1991) ... Mechanical Engineering Department, College of Engineering & Petroleum, Kuwait University.
9. **Chief Editor of IMSE Electronic Newsletter** (Jan – Dec 2003) ... Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University.
10. **Committee Member** (April – October 2000) ... Develop Joint Academic Programs between the College of Engineering & Petroleum and the College of Administrative Science, Kuwait University.
11. **Committee Member** (May 1999 – April 2000) ... Industrial Economic Center, College of Engineering & Petroleum, Kuwait University.
12. **Vice Dean for Student Affairs** (1992-96) ... College of Graduate Studies, Kuwait University.
13. **Assistant Chairman** (1994-96) ... Industrial & Systems Engineering Program, Mechanical & Industrial Engineering Department, Kuwait University.
14. **Lecturer** (1990-91) ... Industrial & Management Systems Engineering, College of Engineering, Arizona State University, USA.

PUBLISHED

REFEREED JOURNALS

1. **Aldowaisan, T.**, and Youssef, A. 2006 “An ISO 9001:2000-based framework for realizing quality in small businesses”, OMEGA **34** 231-235.
2. **Aldowaisan, T.**, and Allahverdi 2004 "Three-machine no-wait flowshop with separate setup and removal times to minimize total completion time", International Journal of Industrial Engineering **11**: 113 – 123.
3. **Aldowaisan, T.**, Allahverdi, A. 2004 "New heuristics for m-machine no-wait flowshop to minimize total completion time." OMEGA **32** (5):345-352.
4. Allahverdi, A., **Aldowaisan, T.** 2004 "No-wait flowshops with bicriteria of makespan and maximum lateness", European Journal of Operations Research. **152**: 132-147.
5. Allahverdi, A., **Aldowaisan, T.**, and Sotskov YN, 2003 “Two-machine flowshop scheduling problem to minimize makespan or total completion

- time with random and bounded setup times.” International Journal of Mathematics and Mathematical Sciences. **39**: 2475-2486.
6. **Aldowaisan**, T., and Allahverdi, A., 2003 “New heuristics for no-wait flowshops to minimize makespan.” Computers & Operations Research. **30**: 1219-1231.
 7. Allahverdi, A., and **Aldowaisan**, T. 2002 "New heuristics to minimize total completion time in m-machine flowshops", International Journal of Production Economics. **77**: 71-83.
 8. Allahverdi, A., **Aldowaisan**, T. 2002 "No-wait flowshops with bicriteria of makespan and total completion time." Journal of the Operational Research Society. **53**: 1004-1015.
 9. Allahverdi, A., **Aldowaisan**, T. 2002 "Two-machine flowshop scheduling to minimize total completion time with separate setup and removal times." International Journal of Industrial Engineering. **9**(3), 275-286.
 10. Allahverdi, A., **Aldowaisan**, T. 2001 "Minimizing total completion time in a no-wait flowshop with sequence-dependent additive changeover times." Journal of the Operational Research Society. **52**: 449-462.
 11. **Aldowaisan** T. 2001. “A new heuristic and dominance relations for no-wait flowshops with setups.” Computers and Operations Research **28**: 563-584.
 12. Allahverdi, A., **Aldowaisan**, T. 2000 "No-wait and separate setup three-machine flowshop with total completion time criterion." International Transactions in Operational Research **7**: 245-264.
 13. **Aldowaisan** T. and Gaafar L. 1999. “Business process reengineering: An approach for process mapping.” OMEGA: The International Journal of Management Science **27**:515-524. (Used for promotion from Assistant to Associate Rank).
 14. Allahverdi A., Gupta J.N.D., and **Aldowaisan** T. 1999. “A review of scheduling research involving setup considerations.” OMEGA: The International Journal of Management Science **27**:219-239.
 15. **Aldowaisan** T. and Allahverdi A. 1998. “Total flowtime in no-wait flowshops with separated setup times.” Computers and Operations Research **25**(9):757-765. (Used for promotion from Assistant to Associate Rank).
 16. Allahverdi A. and **Aldowaisan** T. 1998. “Job lateness in flowshops with setup and removal times separated.” Journal of the Operational Research Society **49**:1001-1006. (Used for promotion from Assistant to Associate Rank).
 17. **Aldowaisan** T. and Gaafar L. 1997. “A framework for developing technical process reengineering designs.” International Journal of Computers and Industrial Engineering **32**(3):657-670. (Used for promotion from Assistant to Associate Rank).
 18. **Aldowaisan** T., Gaafar L. and Mahmoud M. 1996. “Optimal inventories in group technology production systems for a continuous consumption pattern.” International Journal of Systems Science **27**(5):511-514.
 19. **Aldowaisan** T. and Shunk D. 1992. “A time-based conceptual model of competition in manufacturing.” Journal of Manufacturing Review **5**:85-91.
 20. Rucker R. and **Aldowaisan** T. 1992. “A design approach for constructing engineering scenario maps.” Computers Math. Applic. **23**(6-9):419-440.

21. **Aldowaisan** T. and Rucker R. 1991. "A linguistic analysis of part programming statements." *Journal of Manufacturing Systems* **10**(4):265-278.

UNDER-REVIEW

REFEREED JOURNALS

1. Aburas, H., Elshennawy, A, and **Aldowaisan**, T., "Dynamic X-bar Control Limit Procedure and Methodology." *Journal of Applied Statistics*.

PUBLISHED

STUDIES

1. **Aldowaisan**, T. (Study Supervisor), Eng. F. AL-Mutairi, Eng. Hanaa AL-Tayar, Mrs. Najah AL-Moemen, Eng. Adel AL-Suger, Eng. Asmaa AL-Shatti, Mr. Mohamad AL-Otaibi. "Training and Educational Capabilities of KU and PAAET and Their Programs Suitability for the Needs of the Industrial Sector," *Industrial Planning Department, Public Authority for Industry*. 126 Pages, 1st Ed. 2002.
2. **Aldowaisan**, T. (Study Supervisor), Eng. F. AL-Mutairi, Eng. Hanaa AL-Tayar, Eng. Adel AL-Suger, Eng. Rehab AL-Humaidan, Eng. Asmaa AL-Shatti. "Increasing the Local Workforce Contribution in the Private Industrial Sector," *Industrial Planning Department, Public Authority for Industry*. 93 Pages, 1st Ed. 2000, 2nd Ed. 2004.

PUBLISHED

TRADE JOURNALS

1. **Aldowaisan**, T., 2004 "Academic and Professional Certifications in HSE." *AlMuhandesoon*, December, pp. 63. (Arabic)
2. **Aldowaisan**, T., Youssef, A., Ahmad, Y, and Rumaih, H. 2003 "LABEX Award." *ALta'awon ALSina'e*, January, pp. 66-81.
3. **Aldowaisan**, T., Alnaqi, B. 1997 "Conceptual perspective on strategic management and work systems development methods." *Alwatania*, January, pp. 7-11. (Arabic)

FUNDED

RESEARCH

- 1 year (2001/2002) Kuwait University, Res. # EM01/01., "No-wait flowshops with bicriteria of makespan and mean completion time" **2,000 KD**.
- 2 years (1998-2000) Kuwait University, Res. # EM 124, "No-wait flowshops with separated setup times" **11,818 KD**.

REFEREEING

EXPERIENCE

- Computers & Operations Research (C&OR)
- International Journal for Production Engineering (IJPE)
- OMEGA
- European Journal for Operations Research (EJOR)
- Industrial Cooperation in the Arabian Gulf

PRESENTATIONS **& CONFERENCES**

1. **Aldowaisan**, T. 2007. Member Organizing Committee, 4th Gulf Meeting on Quality, by Kuwait National Petroleum Company, Kuwait, May 8 - 9.
2. Naqvi, S and **Aldowaisan**, T. 2007. "Recent trends in Ergonomics around the world with special focus on regulations, standards and certifications", 4th International Health, Safety, Environment and Loss Prevention Professional Development Conference and Expositions, by American Society of Safety Engineers – Kuwait Chapter, Kuwait, April 15 – 17.
3. **Aldowaisan**, T. 2007. Session Chair of Symposium on: "By-Laws & Regulations in Kuwait", 4th International Health, Safety, Environment and Loss Prevention Professional Development Conference and Expositions, by American Society of Safety Engineers – Kuwait Chapter, Kuwait, April 15 - 17.
4. **Aldowaisan**, T. 2007. "On Rolling Out HSEMS Procedures – The STR Process", 4th International Health, Safety, Environment and Loss Prevention Professional Development Conference and Expositions, by American Society of Safety Engineers – Kuwait Chapter, Kuwait, April 15 - 17.
5. **Aldowaisan**, T. 2007. "Professional Certifications for Engineers", 2nd International Conference for Engineering Education & Training (ICEET-2), by Kuwait University, Kuwait, April 9 - 11.
6. **Aldowaisan**, T. 2005. "Guidelines and Selection Criteria for Identifying Credible Certification Programs", Technical Meet, American Society of Safety Engineers – Kuwait Chapter, Kuwait, March 20.
7. **Aldowaisan**, T., Al-Mutawa, S., and Youssef, Ashraf 2005. "The Design and Implementation of ISO 17025:1999", The Second Conference of Insights on Successful Engineering Practices, Kuwait, Feb. 13 – 16.
8. **Aldowaisan**, T. 2004. "What is your objective: Your honest answer determines your success in implementing the ISOs", The First Conference of Insights on Successful Engineering Practices, Beirut, Lebanon, Jan. 20 – 29.
9. Allahverdi, A., and **Aldowaisan**, T. 2002. "Better heuristics for m-machine no-wait flowshop with total completion time criterion", Proceedings of The 6th Saudi Conference, Vol. 4, pp. 551-560, December 14-17.
10. **Aldowaisan** T., Almutawa S., and Youssef A. 2002. "The design and implementation of ISO 17025:1999 in the Civil Engineering Testing Center at Kuwait University." First Annual Quality Congress, 3-4 November 2002, Islamic Republic of Iran.
11. **Aldowaisan** T. and Youssef A. 2002. "A framework for realizing ISO 9001:2000 in small Businesses." 2nd Gulf International Conference, Workshop & Exhibition, 15-17 April 2002, The Kingdom of Bahrain. pp. 177-186.

12. **Aldowaisan** T. and Youssef A. 2002. "The Development in the Quality Concept with Reference to Some International Standards." *Conference on Quality, Public Authority for Applied Education and Training, 10-13 March, Kuwait.* (Arabic)
13. Allahverdi, A., and **Aldowaisan**, T. 2002 "No-wait flowshop scheduling with multi-criteria", presented at the Eighth International Workshop on Project Management and Scheduling, Valencia, Spain, April 3-5, 2002. Proceedings of PMS2002, pp. 30-33.
14. Allahverdi, A., **Aldowaisan**, T., and Sotskov, Y. 2002 "Flowshop scheduling with random and bounded setup times", presented at the Eighth International Workshop on Project Management and Scheduling, Valencia, Spain, April 3-5, 2002. Proceedings of PMS2002, pp. 34-38.
15. Allahverdi A., and **Aldowaisan** T. 2002. "Better heuristics to minimize makespan in no-wait flowshops." International Conference on Business, Decision and Technology (BDT'02), Kuwait, March 18-20, 2002. Proceedings of BDT'02, pp. 358-365. (Selected by the chairperson of the conference Prof. Berger Vachon as the best paper).
16. Allahverdi, A., and **Aldowaisan**, T. 2001. "Bicriteria scheduling on an m-machine no-wait flowshop", First International Industrial Engineering Conference, IIEC 2001, Amman, Jordan, September 23-27. Proceedings of IIEC, pp. 215-222.
17. **Aldowaisan** T. 2001. "Building HSE Culture." Safety, Health & Environmental Challenges in Kuwait Conference, 25 May, pp. 47-50, Kuwait.
18. Allahverdi A. and **Aldowaisan** T. 2000. "A new heuristic for m-machine flowshop with the total completion time criterion." Informs conference, Nov. 5-8, San Antonio, USA.
19. Allahverdi A. and **Aldowaisan** T. 1999. "Three-machine no-wait flowshop scheduling." Informs conference, May 2-5, Cincinnati, USA.
20. Allahverdi A. and **Aldowaisan** T. 1998. "A no-wait flowshop with sequence-dependent changeover times." Informs conference, Oct. 25-28, Seattle, USA.
21. Allahverdi A. and **Aldowaisan** T. 1998. "Scheduling research on setup times: a review." Informs conference, April 26-29, Montreal, Canada.
22. **Aldowaisan** T. and Gaafar L. 1996. "A framework for a process reengineering decision support system." 19th International Conference for Computers and Industrial Engineering, Miami, Florida.
23. **Aldowaisan** T. 1995. "Business process reengineering: concept, approach, and tools." 3rd Conference on Public Service Promotion, 27-28 May 1995, Kuwait.
24. Gaafar L. and **Aldowaisan** T. December 1994. "Fitting a mixture-based response surface using computer simulation." Winter Simulation Conference.
25. **Aldowaisan** T. and Gaafar L. 1994. "Some applications of Industrial and Systems Engineering methods in public services improvement." 2nd Conference on Public Service Promotion, 9-10 May 1994, Kuwait.



26. Rucker R. and **Aldowaisan** T. May 1990. "Path and location semantics for part programming." *International Industrial Engineering Conference Proceedings*, 465-470.
27. Rucker R., Shunk D., Ferreira, S., and **Aldowaisan** T. May 1990. "IDEF-Minus-1 conceptual processing step for IDEF models." *IDEF-Users Group Conference Proceedings*, 675-692.

TEACHING **EXPERIENCE**

Arizona State University (1990-1991):

- Probability & Statistics for Engineers

Kuwait University (since 1991):

- Introduction to Engineering Programs
- Quality for Engineers
- Engineering Management
- Probability & Statistics for Engineers
- Work Design & Measurement
- Manufacturing & Production Planning
- Introduction to Industrial & Systems Engineering
- Numerical Methods for Engineers
- Occupational Safety & Health Engineering
- Human Factors Engineering
- Expert Systems for Industrial Engineers
- Statistical Quality Control

PROFESSIONAL **AFFILIATIONS**

- **Permanent Member:** Kuwait Society of Engineers, Kuwait.
- **Member:** Graduate Society, Kuwait.
- **Senior Member:** The American Society for Quality (ASQ), USA.
- **Senior Member:** Institute of Industrial Engineers (IIE), USA.
- **Member:** American Society of Safety Engineers (ASSE), USA.

PERSONAL

Date of Birth ... 25 August 1961

Nationality ... Kuwait

Languages ... Arabic, English

Marital Status ... Married with 3 children