

Biography - Rod Duarte Eng. Tech. CMC, F.Inst.D

Rod has successfully pursued dual management consulting and medical technology careers since 1995 and works as an independent management consultant (business architect), medical technology product and process assessor, and tutor. With over 25 years international experience, he's gained wide-ranging knowledge and skills in both fields, with extensive experience in consulting to research and development, and manufacturing organisations operating in the fields of electrical, mechanical, chemical, materials, energy engineering, defence, and related science.

He's a certified management consultant with the ICMCI-CMC, an IRCA certified management systems lead auditor (QMS, EMS, OHS), and a qualified technologist with COET. His background roles include several senior management positions in engineering, business development, compliance, board adviser to profit and not-for-profit organisations, and laboratory management, he's also served on several international management and technical standards committees.

Rod has also authored several management training programmes in the Allied Business International Home (ABI Home) Executive Development Series and serves on several international management and technical standards committees and was elected a fellow of the Institute of Directors (IoD) in 2016.

Key roles/achievements:

- Elected fellow of the Institute of Directors (IoD) in 2016.
- Founding member of the Chartered Quality Institute (CQI – United Kingdom).
- Founding member of the Federation of Professional Management Organisations (FPMO - South Africa).
- Board adviser to Allied Business International Home.
- Former Board adviser to the Southern African Auditor and Training Certification Authority.
- Former Director Business Development, for BS&M Limited.
- Former Director and Chair of the Southern African Auditor Training and Certification Authority.

English native speaker, Afrikaans (second language speaker), Portuguese (second language speaker).

Summary of professional experience

Management and technical consulting experience:

20 + years

- Consulting work experience for research and development organisations operating in the fields of electrical, mechanical, chemical, materials, energy engineering, defence and related science (over 5 years combined project work, and over 1000 third party audits conducted in these sectors),
- Electromedical product assessment for marketing authorisations (product licensing).
- Management and business development of a medical device certification agency.
- Auditing of management systems to international standards and technical regulations.
- Management consultant on business architecture.
- Training of personnel on management systems, strategic and operational management, and corporate governance.
- Research and development of management system and technical standards.

Electronic/electromedical engineering employment:

10 + years

- Inspections (announced and unannounced) of commercial and medical electrical products and monitoring of compliance with technical regulations and related specifications [Regulatory Division of the South African Bureau of Standards (SABS), since 2008 known as the National Regulator for Compulsory Specifications]
- Research, design, development, and manufacturing of electronic circuitry and test and measurement/diagnostic equipment. Nanotechnology research and development in the field of nanoelectronics semiconductor-physics.
- Pre-and post-market electrical safety inspection and testing of electrical and electromedical products.
- Electrical metrology and test laboratory management of ISO 17025 accredited laboratories, including sales and support.
- Production support including ESD and lighting measurement, analytical support including product safety and reliability analysis - FMEA/FMECA, MTBF, etc. implementation of process control and verification methodologies, and product stress testing (vibration, temperature, and humidity).

Summary of education

I hold a National Diploma in Engineering (NDip. Eng., 5-year course including apprenticeship), and have completed a master's programme in strategic and operations management, and further studies in quality management & statistical quality assurance from the City and Guilds of London.

Summary sectors of experience (In alphabetical order)

- Education and training
- Electronic engineering and manufacture (private and defence sectors)
- Information communication and technology/Telecommunications
- Medical technology/healthcare

Summary of skills

- Pre-and post-market electromedical product and process assessment for several jurisdictions, including Canadian, EU, US and South Africa.
- Auditing of management systems and products to international standards (including ISO 9001, 13485, 14001, 17021, 17024, 17025 and OHSAS 18001).
- Design and development of business architectures (including business models, strategy mapping, organisational design, and governance controls) for the sectors reflected above, in conformance with international and company specific standards, using process classification frameworks and business architecture methods, such as Business Process Management, Six Sigma and Lean.
- Programme and project management of business architecture improvement initiatives.
- Training and development of company personnel at all levels, on business standards, business process modelling, management system design and implementation, business improvement and service quality initiatives.
- Enterprise risk, business impact assessments and business continuity management.
- Executive development (including corporate governance training for company boards).
- Electronic engineering and manufacturing.

Professional experience – 1995 to present

Position held: CEO and Principal Management and Technical Consultant

Organisation: DuArte Corporation

Type of Organisation: Management and technical consultancy – medical technology assessment, business architecture consulting, and training services.

My responsibilities: Medical technology product and process assessment, business architecture consulting, management systems auditing, and management training services.

Period: 01/2013 to present.

Position held: CEO and Principal Management and Technical Consultant

Organisation: DCI Limited

Type of Organisation: Management and technical consultancy – medical technology assessment, business architecture consulting, and training services.

My responsibilities: Medical technology product and process assessment, business architecture consulting, management systems auditing, and training services.

Period: 06/1995 to 12/2012

Position held: Board Advisor (volunteer – part-time)

Organisation: ABI Home

Type of Organisation: Management consultancy and business advisory services

My responsibilities: Corporate governance, organisational development and strategic management

Period: 01/2012 to present (concurrent employment)

Position held: Director South African Agency, and Lead Auditor (under contract from DCI Limited)

Organisation: Medical Devices Agency South Africa (SGS UK) operated by DCI Limited

Type of Organisation: Medical devices management system and product certification notified body

My responsibilities: Agency management and development, quality assurance and regulatory auditing, electromedical product assessor.

Period: 01/2004 to 04/2013 (concurrent employment)

Position held: Board Advisor (Volunteer – part-time)

Organisation: Southern African Auditor & Training Certification Authority (SAATCA)

Type of Organisation: Management systems auditor accreditation body.

My responsibilities: Corporate governance, organisational development and strategic management, former chair in 2007.

Period: 11/1998 to 12/2012 (concurrent employment)

Position held: Marketing Director (under contract from DCI)

Organisation: BS&M Limited, Florida, South Africa

Type of Organisation: Management consultancy and business advisory services

My responsibilities: Business development, management consulting – organisational development, management systems auditing, and training.

Period: 06/1995 to 06/1997

