

CURRICULUM VITAE

1. **Family name:** SIBBESEN
2. **First names:** Lorens Peter
3. **Date of birth:** February 24th 1954
4. **Nationality:** Danish
5. **Civil status:** Separated

6. Education:

Institution, [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Danish Academy of Engineering, [Aug. 1975 –Sept 1980]	M.Sc.Chem. Engineering .(final thesis on analytical chemistry related to Food Chemistry)
The Royal Danish School of Educational Studies for Teachers at Technical and Commercial Colleges, [Jan.1983 –Jan.1984]	Diploma in Education
BARQA Professional Development Courses: <i>"Good Laboratory Practice (GLP) for Study Directors, Principal Investigators, Study Staff and Management"</i> (Nov. 2004) <i>"The Auditing Course"</i> (Sept. 2006) <i>"Good Laboratory Practice for the Analyst"</i> (Oct. 2006)	Certificate of Attendance

7. Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
French	2	3	3
German	2	2	3
Turkish	(5)	(5)	(5)
Danish	Mother tongue		

8. Membership of professional bodies:

- Secretary of Eurolab Denmark
- Chairman of Eurolab Denmark's network for Analytical Chemistry.
- Representing Eurolab Denmark at GA and in Technical Committee on Quality Assurance (TCQA) in Eurolab a.i.s.b.l.
- Danish representative at Eurachem General Assembly
- Convenor of Working Group on Method Validation within Eurachem

9. **Other skills:** (e.g. Computer literacy, etc.): IT literate. Experienced MS Excel user; espec. on applications in Analytical laboratories (give trainings on the subject.)

10. **Present position:** Self-employed with the company "LAB Quality International – consultancy and training for laboratories" (www.labqa.dk). Owner of the company established in April 2000.

11. **Years within the firm:** 13 (as self-employed - 12½ years with previous employer, DTI; see 14)

12. Key qualifications:

- **Project Management.** Experiences from national and international projects as Team Leader dealing with planning of activities, contracting Short Term Experts, preparing proposals for new projects and equipment tenders etc. (in acc. with EC/Prag rules for international projects).
- **Planning, preparing and carrying out of training.** Having a degree in teaching theory and working with education and training throughout the professional career. Have for the last 22 years given more than 250 open and in-house seminars and training courses nationally/internationally – some of which have been in the form of a "Train-the-trainer" activity.

- **Quality Infrastructure, Conformity Assessment and Market Surveillance.** 20 years' experience with standards like ISO/IEC 17020, ISO/IEC 17021, ISO/IEC 17024 and ISO/IEC 17025 (or their predecessors) based on responsibility as Quality Manager for accredited laboratories, accomplishment of roles as ass. Quality Manager in outsourcing, consultancies on implementation of the standard in various Conformity Assessment Bodies, various project responsibilities and numerous trainings within the field. Familiar with all the international standards and guidelines in the area of Conformity Assessment (the ISO 17000 series of standards + e.g. ISO/IEC Guide 68 a.o.). Familiar with the New Legislative Framework leading to Regulation (EC) 765/2008 on requirements for accreditation and market surveillance (working in details with this in relation to EA as active member of EUROLAB) Working with the tools under the TBT Agreement in terms of standardization, harmonization of Quality Infrastructures in different countries as well as tools and principles for Market Surveillance in accordance with the rules promoted by the European Commission for the Single Market.
- **Accreditation and Quality Systems.** Have been working with the principles of accreditation almost since their start in the early 90'ties, both on national level (working closely with the Danish Accreditation Body, DANAK – and the interpretation of national Danish regulation in the field) and on international level (dealing with requirements and guidelines issued by EA and ILAC through work within EUROLAB and EUROLAB TCQA). Have especially been involved with – and giving trainings related to – the ISO/IEC 17025 on requirements for Accreditation of testing and calibration laboratories including all aspects of the Management Requirements (Ch. 4) as well the Technical Requirements (Ch. 5).
- **Quality Management in testing laboratories.** Spec. experience in establishing and adapting suitable Quality Management Systems in various laboratories in relation to the standards ISO/ 17025 (prev. EN 45001), ISO/IEC 15189 (Clin. labs.) and the GLP- and GMP-regulations. Based on responsibility as Quality Manager for accredited laboratories and a countless number of trainings and consultancies on implementation of the various standards in different kinds of laboratories for almost 20 years.
- **Technical requirements for accredited laboratories (acc. to ISO/IEC 17025).** Dealing with practical implementation of procedures for method validation, measurement uncertainty estimation, internal control in the laboratory (control charts etc.), participation in comparison schemes (PT and ILC), statistics for handling laboratory data, application of Excel for these purposes etc.
- **Proficiency Testing (PT) and Interlaboratory Comparisons (ILC) for testing and calibration laboratories.** Has worked profoundly with the standard ISO/IEC 17043 for PT Providers - and the complementary standards ISO/TS 22117 (PTs for microbiological laboratories) and ISO 13528 (statistics for data evaluation in PT schemes) - giving trainings and advisory on establishment of PT Schemes for testing and calibration laboratories.
- **Metrology.** Have as a member of Eurolab TCQA and Eurachem over several years been involved in preparing statements and guidelines on metrology in general and subjects like calibration, Interlaboratory Comparisons (ILCs) and Proficiency Testing Schemes (PTs) especially. Has as secretary of Eurolab Denmark had a close cooperation with the Danish NMI (DFM) over the years. Giving numerous lectures and trainings on calibration, ILC and PT.

13. International experience:

Country	Date from - Date to, Description
Rwanda	August 2012 – June 2013. Doing review and GAP analysis on existing quality documentation for testing and metrology laboratories at Rwanda Bureau of Standards (RBS) with the aim of having the laboratories accredited (followed up upon with a pre-assessment of the implementation of the systems after 7 - 8 months). (ref.: markbagabe@yahoo.co.uk)
Belarus	Dec. 2012. 2 weeks STE mission doing assessment and consultancy on participation in – and provision of – Proficiency Testing schemes and/or Interlaboratory Comparisons within 3 potential national reference laboratories in Minsk (Ongoing) (ref.: mikael.krystell@hotmail.com)
Turkey	Feb. 2011 – May 2012. Giving a number of trainings on the standard ISO/IEC 17043 “Conformity Assessment – General Requirements for Proficiency Testing” and its implementation (incl. a train-the-trainer course for Turkish Accreditation Body, TÜRKAK). (ref.: werner.bellmann@kalitealtyapisi.org)
Turkey	Dec. 2011: Presentation at Türklab 2011 Laboratory Quality Conference: “The role of private laboratories within the scope of Market surveillance” (example from food control) (ref.: oguzel@biruni.com.tr)
Turkey	Dec. 2010 - Oct. 2011. ILC/PT Coordinator under the project “Support to the Strengthening of the Quality Infrastructure in Turkey” – i.e. assisting the responsible KE on planning of PT Schemes under the project. Working in close cooperation with TÜRKAK (Turkish Accr. Body) and the Undersecretariat of the Turkish Prime Ministry for Foreign Trade (UFT; resp. for TÜRKAK) (ref.: werner.bellmann@kalitealtyapisi.org)
Turkey	July 2010 – Sept. 2010. Training Coordinator under the project “Support to the Strengthening of the Quality Infrastructure in Turkey” – i.e. responsible for planning of trainings given under the project and the quality of these trainings on conformity assessment issues with regard to securing an optimal outcome for the participants (ref.: claes.skjernov@kalitealtyapisi.org)
Syria	April 2010: 6 days assignment on clarifying the needs for external, traceable calibrations in Food Laboratories, under the project “Strengthening Quality Management, Capabilities and Infrastructures in Syria” (ref.: gilles.revoil@qualitysyria.com)
Jordan	November 2006 – March 2008. Team Leader (part-time) in Jordan for project with Danish Technological Institute in cooperation with Royal Scientific Society, Amman: <i>Support to the Accreditation, Conformity Assessment and Certification in the Hashemite Kingdom of Jordan</i> . Responsible for establishing of an accredited unit for product and personal certification (ref.: kmajali@rss.gov.jo / ruba@rss.gov.jo)
Jordan	September 17 – 22, 2005 + August 20 – 30, 2006 Trainings and consultancy on “Validation of analytical Test Methods” and “Estimation of Measurement Uncertainty” for laboratories at the Royal Scientific Society, Amman (ref.: nazem@rss.gov.jo)
Turkey	Since 2007 a close cooperation with Turkish representatives of Eurachem (centered at UME, Tübitak; ref.: fehmi.ficicioglu@ume.tubitak.gov.tr) and TÜRKLAB (ref.: oguzel@biruni.com.tr) in assisting these organisations on improving their appearance and importance in the Turkish testing society.
Turkey	June 2005 - April 2008 Trainings given under the project “Support to Quality Infrastructure in Turkey” (SUPQUIT) on “Measurement Uncertainty calculations for Chemistry Laboratories” and “Validation of analytical Test Methods” for official and private laboratories within different sectors in Bursa, Izmir, Istanbul and Ankara. A total of 13 4-days trainings within the period giving a good picture of the actual situation in Turkish laboratories with regard to metrology, conformity assessment and accreditation - e.g. through surveys among participants before start of trainings, discussions with participants and evaluation of accomplished training. Contributed to the development of content and form of the different trainings in close cooperation with the project management in Ankara. (ref.: sbezen@normconsulting.com / silvia.vaccaro@cen.eu)
Turkey	October 1997 - end of 1998 (short terms in the period). Consultancy and training on improvement of quality assurance and restructuring (performing gap and need analysis on facilities and equipment) of environmental laboratory in the Sagem Textile Institute, Bursa (ref. at that time (!): Ass. Director Yaşar Kaydi)
Egypt	June 1996. Engaged by the international organization WAITRO for giving lectures on a seminar “Quality Assurance in Laboratories” for public and private laboratories in the Cairo area. Visits to national standard and testing institutions and consultancies with Minister of Trade and Minister of Industry with regard to establishment of an Egyptian Accreditation Body

14. Professional experience

Dates	Location	Company	Position	Description
2012/12-	Belarus	AFNOR Contact: KE2 K. Wienecke karsten.wienecke@ibqc.de or Proj. Mngr. K. Ratinaud karine.ratinaud@afnor.org	Consultant	Working with the responsible management in 3 different official laboratories, aiming at improving their Quality Management and Quality Control for the purpose of becoming national reference laboratories and providers of Proficiency Testing schemes. Giving consultancy, planning future activities and trainings, establishing contacts for further cooperation with European counterparts etc.
2012/08 - 2012/06	Kigali, Rwanda	BSI Contact: TL S. Gujadhur gujadhursk@gmail.com or Proj. Mngr. C. Davies Charles.Davies@bsigroup.com	Consultant	Doing assessment and GAP analysis on laboratory quality systems as basis for consultancy, training and mentoring on improvement of systems towards application for accreditation. Accomplishment of pre-assessment of implemented QS in the laboratories
2010/07 – 2012/05	Turkey	BSI Contact: TL C. Skjernov cls@csmanagement.dk or Proj. Mngr. C. Davies Charles.Davies@bsigroup.com	Senior Consultant	ILC/PT Coordinator within the project “ <i>Strengthening the Quality Infrastructure in Turkey</i> ”, responsible for planning and establishing a number of ILC/PT Schemes for Turkish testing and calibration laboratories. Giving a number of trainings on the subject. Specifically planning and accomplishing a “Train the trainers” training for TÜRKAK Consultancies with Undersecretariat of the Turkish Prime Ministry for Foreign Trade (UFT; resp. for TÜRKAK)
2007/10 - (ongoing)	Denmark	Eurolab Denmark Contact: Chairman L. Madsen lma@delta.dk	Secretary (part-time)	Representing Eurolab Denmark at European GA and ½-year meetings. Representing Eurolab Denmark in Eurolab TCQA (Technical Committee on Quality Assurance) Representing Eurolab Denmark at Eurachem GA and ½-year meetings (convener of WG on Method Validation) Daily contact point for members and responsible for all member services (seminars & workshops, trainings, exchange of experiences between members etc.). Administrative routines like updating membership files, updating web-site (www.eurolabdenmark.dk) etc.
2006/11- 2008/03	Amman, Jordan	Danish Techn. Institute Contact: Proj. Mngr. L. Drejer lars.drejer@teknologisk.dk or Local counterpart Ms. K. Majali kmajali@rss.gov.jo	Team Leader/ Consultant	Responsible for coordination between 4 KEs + a number of STEs in project, “ Support to the Accreditation, Conformity Assessment and Certification in the Hashemite Kingdom of Jordan ” at Royal Scientific Society, Amman Provided support during the process of achieving an accreditation (with the Greek AB, ESYD) for product certification (acc. to EN 45011) and personnel certification (acc. to ISO 17024). Developing international cooperation platforms and Certification Body QA manuals; Development and delivery of trainings
2006/08			Lecturer/ Consultant	Training and consultancy on “Measurement Uncertainty of Analytical Results” for laboratories at the Royal Scientific Society, Amman, Jordan.
2005/09			Lecturer/ Con- sultant	Training and consultancy on “Validation of analytical Test Methods” for analytical laboratories. Writing article, “ <i>Decisions based on analytical results - who is responsible for the reliability?</i> ” for society’s website
2006/02 – 2007/04	Turkey	CEN – European Committee for Standardisation Contact: TL S. Bezen sbezen@normconsulting.com or Proj. Mngr. S. Vaccaro (CEN) silvia.vaccaro@gmail.com	Senior STE	Training needs analysis, development and delivery of trainings on "Validation of Analytical Methods " as short term expert for the EU Programme "Support to the Quality Infrastructure in Turkey" Project: <ul style="list-style-type: none"> Izmir, February 2006 (laboratories attached to the EBILTEM, EGE University) Istanbul, June 2006 (private laboratories, members of Türklab) Izmir, November 2006 (laboratories under the Ministry of Health in Turkey) Istanbul, April 2007 (Lab.s from different departments under Istanbul Techn. University) planning, preparation, survey on participant background, lecturing, evaluation, reporting

2005/05 – 2007/04	Turkey	CEN – European Committee for Standardisation Contact: TL S. Bezen sbezen@normconsulting.com or Proj. Mngr. S. Vaccaro (CEN) silvia.vaccaro@gmail.com	Senior STE	Training needs analysis, development and delivery of trainings on "Measurement Uncertainty calculations for Chemistry Laboratories", as short term expert for the EU Programme "Support to the Quality Infrastructure in Turkey" Project: - Bursa, June 2005 (official and private laboratories within the food sector in Turkey) - Izmir, June 2005 (AGAFAR, EGE University, for private laboratories) - Bursa, September 2005 (official and private laboratories within the food sector in Turkey) - Ankara, November 2005 (laboratories under the Ministry of Health in Turkey) - Istanbul, February 2006 (private laboratories, members of Türklab) - Istanbul, June (private laboratories, members of TALSAD and Türklab) - Izmir, September 2006 (laboratories under the Ministry of Health in Turkey) - Istanbul, February 2007 (lab.s from different departments under Istanbul Techn. University) - Ankara, April 2007 (lab.s under Ministry of Labour and Social Security) Planning, preparation, survey on participant background, lecturing, evaluation, reporting
2000/08 – 2002/06	Denmark	DANAK. (Danish Accr. Board) Contact: Director J. Høy ieh@danak.dk	Secretary (part-time)	Heading the work of a WG on establishing a guideline on Method Validation for Analytical Laboratories, including conformity assessment aspects
2000 - (ongoing)	Denmark	LAB Quality International (www.labqa.dk) Self-employed with the company	Manager	LAB Quality offers consultancy and educational services for analytical laboratories, notably within the area of Quality Assurance and related topics in accordance with the ISO/IEC 17025. The services cover e.g. subjects like a.o.: Establishment of Quality Systems, Internal Audits, Method Validation, Measurement Uncertainty Estimation, Inter-laboratory Comparisons, Proficiency Testing, Quality Control, Applicable Statistics, Use of Excel for handling of laboratory data etc.
...special assignments during employment at LAB Quality International:				
2013/01	Denmark	Statens Serum Institut Contact: Director, Vaccine Development, Ingrid Kromann ikr@ssi.dk	Organizer /Lecturer	Training course: <i>Brush-up training on GLP-principles</i>
2012/05	Berlin, Germany	Eurachem Contact: Eurachem President B. Magnusson bertil.magnusson@sp.se	Scientific Adviser	Responsible chairman for Scientific Committee of international workshop: <i>Validation/Traceability/Masurement Uncertainty. Challenges for the 21st Century's Analysts</i>
2010/05	Denmark	Eurachem Contact: Eurachem President B. Magnusson bertil.magnusson@sp.se	Scientific Adviser	Responsible chairman for Scientific Committee of international workshop: <i>Analytical Results for Decisions</i>
2008/06 – 2009/01	The Netherlands	NUFFIC Contact: Program Adm. L. Bosma lbosma@NUFFIC.NL	Chairman	Chairman of Tender Evaluation Committee with "Netherlands Organization for international Cooperation in Higher Education" (NUFFIC) for projects under Netherlands Fellowship Programmes (NFP) (evaluating 3 proposals)
2007/01 – 2008/09	Denmark	Danfoss Drives Contact: Lab. Mngr. K. Jacobsen kfj@danfoss.com	Consultant	Establishment of an accreditable quality system in an electrical testing laboratory including gap analysis, inter laboratory comparisons, procedure development, development and delivery of trainings.
2006/06	Denmark	LEO Pharma Contact: QA resp. Lisbeth Sørensen lisbeth.soerensen@leo-pharma.com	Lecturer	Training course: <i>Good Laboratory Practice - Basic GLP</i>

2005/07 - 09	Riga, Latvia	Ramboll (Engineering Consult.) <i>Contact:</i> Proj. Mngr. M. Fich mif@force.dk	Lecturer/ Consultant	Training and consultancy (incl. gap analysis) on "Implementation of 17025 in fuel testing laboratories" (espec. with emphasis on method validation) for "State Revenue Service, Division of Fuel Surveillance", Riga
2005/02-08	Denmark	Statoil Refinery <i>Contact:</i> Lab. Mngr. P. J. Nielsen d01pjn@statoil.com	Lecturer/ Consultant	Training and consultancy on method validation for a laboratory performing fuel and gas analysis an oil refinery
2004/12	Denmark	AROS Applied Biotechnology (a.o.) <i>Contact:</i> (ref. at that time (!): Prof. Torben F. Ørntoft)	Lecturer	Training course: <i>GLP - Background, Implementation, Application</i>
2003/10 - 2005/12	Denmark	Energy E2, Power Plant <i>Contact:</i> (ref. at that time (!): Lab. Mngr. Joern Hansen)	Assist. Quality Manager (part-time)	Responsible for method validation and estimation of measurement uncertainty used for routine analysis in the plant laboratory
2001/12 – 2002/05	Faroe Islands	Heilsfrødliga Starvstovan <i>Contact:</i> Lab. Mngr. B. Enni BENNI@hfs.fo	Consultant	Performing analysis of existing Quality system and establishing a revised system accreditable acc. to ISO 17025
1987 – 2000	Denmark	Danish Technological Institute (DTI, Dept. of Chemistry) <i>Contact:</i> CEO S. Stjernqvist st@teknologisk.dk	Quality Manager & Course Coordinator	Quality Manager for 5 accredited analytical and testing laboratories. The responsibility as Quality Manager covered analytical and testing laboratories (air and water sampling, flow measurement, biological testing, chemical analysis etc.) managing the quality systems and dealing with the requirements for technical competence in the laboratories. Participated in several periods member of working groups with the Danish Accreditation Board (DANAK) as a representative for one of the major institutions/laboratories in Denmark. Coordinator of Short Course Training Programmes Responsible for developing new training courses on conformity assessment according to needs among analytical laboratories in Denmark (both technical and quality-related issues), Served as Deputy Manager for Dept. of Analytical Chemistry from June 1993 to May 1995. Worked on the principles of Metrology in chemistry through participation in a Danish working group on the initiative (Danish Ministry for Industry and Housing, March – Sep. 1999); The position with DTI gave over the years many opportunities for cooperation with CABs, NMIs and other institutions within the field of metrology in Denmark and internationally.
...special assignments during employment at DTI:				
1997/10 - 1998/12	Bursa, Turkey	Sagem Textile Institute (Dept. of MRC, Tübitak) <i>Contact:</i> (ref. at that time (!): Ass. Director Yaşar Kaydi)	Lecturer/ Consultant	Consultancy and training on improvement of quality assurance and restructuring (improvement of facilities and equipment) of environmental laboratory in the Sagem Textile Institute, Bursa
1998/10	Denmark	AOAC-E / Eurachem <i>Contact:</i> AOAC-E President P. Metra pierre.metra@mxns.com	Scientific Adviser	Responsible chairman for the Scientific Committee of the International symposium/-workshop: "Quality Assurance in Computerised Laboratories - Analytical, Clinical and Pharmaceutical Laboratories", (120 participants from most parts of the world)
1997 – 99	Denmark	DANAK. (Danish Accr. Board) <i>Contact:</i> Director J. Høy ieh@danak.dk	Consultant	Contributing to WG on establishing national guideline on the principles of Flexible Scope for Accreditation

1996/06	Cairo, Egypt	WAITRO <i>Contact:</i> WAITRO Secr. M. Mengu Moses.Mengu@teknologisk.dk	Lecturer/ Consultant	Seminar on “ Quality Assurance in Laboratories ” for public and private laboratories in the Cairo area.Consultancies with Minister of Trade and Minister of Industry with regard to establishment of an Egyptian Accreditation Body
1985 - 1987	Denmark	Hilleroed Technical College <i>Contact:</i> Dep. Mngr. A. Thromsholdt at@eanord.dk	Teacher	Teaching and training of laboratory technicians. . As a part of the teaching staff responsible for planning and performing teaching and instruction on subjects like microbiology, chemistry, applied physics, mathematics and instruction on instrumental analysis in the laboratory
1981 - 1985	Denmark	Copenhagen Laboratory Technician School <i>Contact:</i> Dep. Mngr. L. Nissen lsni@phmetropol.dk	Teacher	Teaching and training of laboratory technicians. As a part of the teaching staff responsible for planning and performing teaching and instruction on subjects like microbiology, chemistry, applied physics, mathematics and instruction on instrumental analysis in the laboratory

15. Other relevant information

Have good experience in working and co-operating with people from different cultural backgrounds (see pt. 13 + 14)

Have a comprehensive network of experts within the areas of conformity assessment, accreditation, Quality Management a.o.

[Updated September 2013]