

Norman Sperling Fehraltorferstr. 2 CH-8332 Russikon Switzerland +41 78 623 90 90 norman@spenocon.net

PERSONAL INFORMATION

Date of birth: December 23rd, 1975

Place of birth: Eberswalde (Brandenburg/Germany)

Family status:

Children:

Hobbies:

2 full-aged

married

- hiking / travelling
 - Motor cycling
 - Private gardening

EDUCATION

1998 – 2001 UNIVERSITY FOR APPLIED SCIENCES ALBSTADT-SIGMARINGEN (DE)

Pharmaceutical Technology with core theme «Quality, production and plant management» with degree «Dipl.-Ingenieur Pharmatechnik» in 2002

- LANGUAGES Business fluent in speech and writing
 - German (Mother language)
 - English

Advanced skills in speech and writing

- French

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PROFESSIONAL CAREER

Since 03 / 2019	MANAGING DIRECTOR and company owner
10 / 2016 – 02 / 2019	DEPARTMENT HEAD at Früh Verpackungstechnik AG
11 / 2010 – 09 / 2016	GROUP HEAD at Chemgineering Technology AG
10 / 2007 – 10 / 2010	DEPUTE HEAD QA AND LEAD VALIDATION MANAGER at Legacy Pharmaceuticals Switzerland AG
01 / 2002 – 09 / 2007	PROJECT LEADER at Steinbeis TZ Pharmatechnik

		SPENOCON by Sperling
		REFERENCES (Customer)
	FRUH MEXT GENERATION	
Year	Customer	Project scope
04/2022	Allpack Group (Reinach)	 Procurement, Commissioning and Qualification of Cartoning and serialization machine for tablets, Incl. creation of all documents Q&V of new and updated devices of the cartoning and display packaging line for implementation of product serialization / aggregation for China incl. documents CQV of a new Wipotec OCS system (printing and TE labelling) into an existing line incl. documents CQV of a new HAPA late stage customization blister printing machine incl. automated packaging identification devices incl. documents C&Q of a new & retrofit packaging line for solid dosage forms with primary packaging incl. flexo-printing system and secondary packaging machines incl. documents Q&V of new format parts for blisters and bottle filling machines incl. documents
10/2021 - 01/2022	SIS Medical (Frauenfeld)	 Creation and revision of basic documents as preparation for a successful NB audit, such as Masterplans (Qual/Val, TMV, CC,) Validation master plan matrix Qualification master plan
09/2021	Früh (Fehraltorf)	 Creation + revision of SOP's for an Audit Trail review process Project management support for a new configuration of a current PFS product and qualification for several systems, such as cold and clean rooms (up to ISO 7) labelling machines manual PFS assembling devices further internal Qualification support Requalification of a Track & trace unit after Software update Creation and revision of SOP's for Audit Trail review process (successful) FDA inspection support, such as SOP creation and updates validation of a new ERP module incl. URS and RA Updates of several Master Plan documents



Year	Customer	Project scope
02/2021 -	NES Fircroft at AKORN AG	Freelance employed as Senior Administrator Qualification & Vali- dation with responsibilities for:
12/2022	(Hettlingen)	All commissioning and qualification activities of
		 A Pharmaceutical Ball Mill An VHP Isolator incl. weighing system Suspension equipment with three mixing vessels Incl. CIP system and SIP functionality Clean media supply and clean room (class C)
		Furthermore, this position in an integrated Quality position, re- sponsible for
		 Project changes Project and qualification deviations Technical evaluations and trouble shootings Communications with suppliers Quality and qualification project management
05/2019	lvers-Lee	Qualification of
- 05/2022	(Burgdorf)	 new carousel blister leak detection machine print camera inspection unit two leak detection systems for stickpacks and blisters checkweigher several solid form dosing units (micro tablets) New Active Blister filling and packaging line New carousel stickpack packaging line Two new serialization units
		Requalification of
		 Solid form packaging machine for new products Serialization unit after moving
		Validation of
		 Stickpack packaging processes Blister packaging processes AutoInjector assembling and packaging process
		Transport validation to test lab (Ireland) incl. mapping
		Project Management and Launch Support
		 Launching and registration of new Autoinjector product in US, EU and non-EU Markets
		Engineering Support
		 Specification (URS) of a new active blister line Specification (URS) of a new carousel blister leak detection machine Specification (URS) of a new AI assembling machine / line Specification (URS) of a new AI housing cover machine



Year	Customer	Project scope
2020	Merz System (Lich DE)	<i>CSV support</i> Development and Creation of HDS and SDS for a new carousel stickpack machine
2020	Früh	CSV support
	(Fehraltorf)	Validation of new SW for tactile 3D measuring machine for blisters and foil
2019 -	Allpack Group	Qualification of
2021	(Reinach)	 Cartoning machine for blisters Flexo printing machine for blister foil Blister packaging machine
		Process validation
		 Cartoning machine for blisters incl. flexo print unit incl. process FMEA creation
2019	Biognosys	CSV support
	(Schlieren)	Temperature Monitoring gap analysis, support and consulting
2019	Früh (Fehraltorf)	 Implementation of new product (PFS) at existing machines with requalification of these 3 machines (secondary and tertiary packaging) Qualification 2 new print camera inspection units Validation of new process

PROFESSIONAL ACTIVITIES (employed)

Year	Employer	Activity
10/2016 →02/2019	Früh Verpac- kungstechnik AG (Fehrtaltorf)	 Department Head Qualification, Validation & Services Department leadership qualification responsibility of production plants, infrastructural facilities and lab equipment Responsibility of validation of GxP relevant software solutions, rinsing & sterilization processes of medical devices ISO & authority inspections (Swiss Medic, FDA) Project management implementation Serialization (Track & Trace) interface function for customer and supplier project management, specification development, purchase process, commissioning of systems incl. FAT/ SAT



Year	Employer	Activity
11/2010 →09/2016	Chemgineering Technology AG (Münchenstein)	 Group leader qualification, validation & compliance II Group and project leadership Responsibility of GMP and qualification trainings qualification coordination and project management GMP Trainer 50+ customer projects
10/2007 →10/2010	Legacy Phar- maceuticals Switzerland AG (Birsfelden)	 Dep. Head of QA and Head of qualification and validation Depute of Head QA CAPA Manager GMP Trainer Large project manager (>300 systems) authority inspections responsible (Swiss Medic, FDA)
01/2002 →09/2007	Steinbeis Transferzent- rum Pharmatechnik (Leonberg DE) At Pfizer (Illertissen DE) and Boehringer- Ingelheim (Biberach DE) and Valeant (Birsfelden)	 new aseptic filling processes Steam Sterilizer VHP decontamination airlock vial filling lines (liquid and lyophilized powder) freezer dryer (Bulk freeze drying) QA Project manager Project and qualification manager HVAC systems Water, gas and steam systems new containment area (OEB5) with all manufacturing systems and air locks authority inspections

CONTINUING EDUCATION

Since 2015	several presentations/courses at SCC events and Pharma Lounges
2007-2015	Cleaning validation (several courses)
2006	Expert for hygiene
2006	Pharma – IT – Expert
2005	Pharmaceutical Water Systems
	Cleanrooms
2004	Expert for Auditing – GMP-Auditor
2003	Expert for validation



PUBLIC RELATIONS ACTIVITIES

2013 – 2015Presentation at a show area at Pharma-Lounges at Karlsruhe and
Stuttgart with the topic «Qualification of a clean room»

Technical lecture «GMP at hospitals» at IHS (Ingenieur Hôspital Schweiz)

See more details on

www.spenocon.net



2011