

Curriculum Vitae (CV)

Name Birgitta Forsberg

Year of birth 641009

Education

2002 Certified Project leader; TBV
Akademien Kalmar

1998 University in Kalmar
Degree in Bachelor of Science in
Electrical Engineering, dedicated
automation.

Some typical courses are mathematics, electronics, digital technology, control engineering, computer science, computer technology, physics, material and production control, environmental engineering

Examination work 'Modelling and simulation of SBR tank' Kalmar
Wastewater Treatment Plant



Courses

2014 Diplomerad Informatör, Sensus Jönköping

2011 Diplomerad inom Coachande och utvecklande ledarskapsträning
(CULT), Skandinaviska Ledarhögskolan, Kursutvecklare och
kursledare Lars-Eric Uneståhl, Elene Uneståhl och Anders
Friberg

2006 Windchill ProjectLink 'To cooperate in distributed development
projects', Kalmar

2006 Certified NLP Practitioner, Business NLP Sweden AB, Richard
Bandler, Öland

2003 Six Sigma Analyst 1, BT Kalmar

2002 Risk Management process training, BT Kalmar

2001 Tragraph, a set of tools to support the making of applications
programs for TRACS and MITRAC, BT Västerås

Language

Swedish & English

History of Positions 2006- Kalmar Engineering Network Infotainment AB

2000-2005 Bombardier Transportation Kalmar

1998-2000 BFE Benima AB consultant agency, Kalmar

Reference of work

2006-

Kalmar Engineering Network Infotainment AB

Start up own business during turn of the year 2005/2006.

Reference projects:

Bombardier Transportation (BT)

Elaborate type test instructions for PIS and Fire detection system to Regina China (20EMU CHE) as a consulting assignment, January – May 2006

Hörmann Funkwerk Kölleda GmbH

Installation engineering for GSM-R installation on the Arlanda Express trains. The main tasks were inspection of the existing NMT and short-wave train radio system at Arlanda Express workshop. Electrical construction of demounting and mounting of the existing train radio system to the new GSM-R train radio system. Write installation documentation, May – September 2006.

Bombardier Transportation, Norway

Documentation and engineering support PIS, PA, Fire detection, On Board Repeater, Inductive loop and WLAN. Class 5, 69C and FIM for NSB July 2007 – December 2010

SL

Specialist support for PIS and Communication systems October 2011 –

2000-2005

Bombardier Transportation (BT)

Employed by Adtranz (present BT) in Kalmar to be system responsible for the work with Passenger Information System (PIS) and the Fire detection system.

The main tasks for the position as system responsible were:

- To provide technical support in bidding procedure
- Interpret customer specifications and elaborate technical system requirement specifications during purchasing process in projects.
- Evaluate system supplier quotations
- Provide technical support to responsible system purchaser from concept phase to finally implementation of the system
- Define mechanical, electrical and functional interface to other system in the train, especially to the train computer system, the passenger areas and the cabs
- Responsible for the system design reviews, internal to project management and external to end customer and suppliers.
- Supervise and approve FAI (First Article Inspection), FAT (Factory Acceptance Test) and SAT (Site Acceptance Test)
- Participate and support during commissioning
- To elaborate, plan, supervise and accept system Type Tests (stand still and line test)
- Provide technical support to the quality responsible

Reference projects:

BM2 Bucharest Metro Line 2, 2000 to 2005

System responsible for the PIS, train radio system and the Fire detection system to the BM2 Bucharest Metro Line 2.

Metros Global process, 2000 to 2001

Participate in CBIT-team (Cross Border Improvement Team) – Gathering employee satisfaction data

ITC Istanbul Tram Cars, 2001 to 2004

System responsible for the PIS to the ITC Istanbul Tram Cars.

BT Change Management, 2002

Inspect the engineering change process 'implement and verify changes' in BT regarding MR – Modification Request, ER – Engineering Release.

2000-2005 **Bombardier Transportation (BT), continue**

BES0018 – Interface control document, 2003

Participate in cross border team BES0018 – Interface control document (Bombardier Engineering System), main task to improve Interface management, Progress monitoring and Interface monitoring. Elaborate an Interface control document that describes and controls the status of the delivered interface information during the start up, preliminary design and the detailed design.

C20 Stockholm Metro, 2003 to 2005

Evaluation and comparison of different fire detection systems on request by SL on C20, Stockholm Metro. The task was to perform tests on one C20 train unit with an alternative solution for fire detection than the existing fire detection system. Fire detection systems of different brands were installed in one C20 as a temporary installation and were tested and evaluated during the years 2003 to 2005.

Development project Driverless train, 2004

The main task was to research and set up basic requirements, evaluate and finally recommend a solution for fire detection systems, derailment detection systems and impact detection systems to an 'Automated Metro'. During the project we were visiting RATP in France who was showing and demonstrating the Paris Metro Line 14 (meteor). The outcome from the 'Automated Metro' project was presented to the tender organisation within BT.

Bids

Responsible for approximately five PIS, CCTV and train radio bids.

20EMU CHE, 2004 to 2005

System responsible for the PIS, interior doors, fire detection system to Regina China (20EMU CHE)

1998-2000 **BFE Benima AB consulting agency**

Reference projects:

Mörbylånga municipality, waterworks plant, 1998

Programming of the waterworks plant process control system, HMI, monitoring and log. Commissioning. SattCon 200 DOX10, PcManager

Adtranz, 1999 to 2000

Elaborate type test instructions for PIS for OTU, Oeresund train unit, PIS and CCTV (Closed Circuit Television) for C20, Stockholm Metro and PIS for A32, Stockholm LRV. Elaborate routine instructions for PIS, couplers, interior doors and fire detection system for Regina.

Västervik municipality, water treatment plant, 1999

Programming of the wastewater treatment plant process control system, monitoring and log, HMI. Commissioning. Radio based communication system for pump stations.

SattCon 200 DOX10, PcManager

Training programme HMI, 2000

Elaborate a two weeks course in HMI, Intouch. The assignment was made the Benima education department and the training programme was for external use.

Summary

My main interest is to manage projects and implement processes in a time effective way. My goal is to practise my profession based on agreement of confidence both with customers and colleagues.

A summary of the areas were I have high experience and knowledge which I have acquired in my profession during the years are:

Project Management

Business Management

Passenger Information Systems and Fire detection systems onboard trains.

Programming of process industry, speciality HMI.

Contact information

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