Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years of experience as an Electrical and Control Systems Engineer in detailed maintenance, commissioning and development co-ordination of Electrical and control systems in Chemical and petrochemical plants.

PERSONAL DATA

Nationality	:	Egyptian
Gender	:	Male
Residence	:	Currently KSA

EDUCATION

	:	B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2007

LANGUAGES

Arabic	:	Native Language
English	:	Excellent

COMPUTER SKILLS

	:	Windows, MS Office (Word, Excel, Access, Power Point), Internet
	:	AutoCAD 2000

TRAINING COURSES AND CERTIFICATIONS

	:	IA Training, Invensys, Egypt.
	:	Course # 5625 Infusion Batch, Foxboro, MA.
	:	Experience certificate - Foxboro - Invensys Egypt.
	:	System MOD 800XA (ABB DCS system).
	:	Centum VP – Operation Fundamentals – Yokogawa, KSA.
	:	Centum VP – Engineering Fundamentals, Yokogawa, KSA.
	:	Centum VP – Hardware Maintenance, Yokogawa, KSA.
	:	Siemens S7-300 PLC software and Maintenance, Dordell Group (UK), KSA.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Apr. 2010 till now
Employer	:	Jana Chemicals (Nama Petrochemical Affiliate), Jubail, KSA
		NAMA is a reputable Petrochemical Group, which is producing Epoxy Resin, HCL, Caustic Soda and having backward integration process of raw material for internal consumption.

Job title	**:**	Sr. Electrical / Control System Engineer
Job Description	**:**	• Control System Optimization, Contribute to optimization of plant control systems which include the DCS, Alarm Management System.

- Control System Optimization, Contribute to optimization of plant control systems which include the DCS, Alarm Management System.
- Create Control Systems Backup and Restore procedure and ensure utilization.
- Management of process control interlocks and change management.
- Provide technical information, training and assistance to Operations staff.
- Create and modify simple – complex loop and Batch Control Recipes.
- Procurement & Optimization of critical of Spare Parts & Equipment's.
- Prepare / Review the P&ID's / PFD's / Tender Documents.
- Hardware Design, Configuration, FAT, SAT, commissioning assistance at site.
- Reviewing and testing the complex loops and typical.
- Reviewing and testing continues sequence for S/U and S/D equipment, Ex. Evaporators – plate filters – brine Colum…etc.
- Reviewing and testing the batch sequences.
- On Call support 24 hr.

Dates	**:**	From Oct. 2007 till Apr. 2010
Employer	**:**	Invensys Engineering Services – Egypt
		INVENSYS is a global technology group supplying solutions, software, services and equipment to monitor, control and automate processes.
Job title	**:**	DCS Application Engineer
Job Description	**:**	Working as direct employee of INVENSYS (FOXBORO) as DCS Project Engineer on different projects as per following details:

- From Oct. 2009 till Feb. 2010: TPC PASTE RESIN Project – Thailand:
    - Upgrade existing system (R BATCH) to (IA BATCH V - 8.1).
    - Train the local engineers to conduct the internal test and FAT.
    - Implementation and testing the Batch recipes with hold and stop causes.
    - Conduct customer IA batch training for customer (2 weeks).
    - Complete 3 weeks FAT in Rayong City - Thailand.
- From May 2009 till Aug. 2009: AL-AMAL PETROLEUM Project – Egypt:
    - Design of the graphics and extracting the Graphics from the P&ID.
    - Involved in development of System Architecture.
    - Involved in development of Modbus connection between DCS and Triconex system.
    - Satisfy the operator requirements to be completely Interactive with the system.
- From Jan. 2009 till Apr. 2009: KRATON Polymers Project – USA:
    - Implementation and testing of simple and complex control loops.
    - Implementation and testing of Batch recipes and all sequences related.
- From Jun. 2008 till Dec. 2008: METHANEX Project – Italy:
    - Implementation and testing of simple and complex control loops.
    - Conducted 1 month FAT in Italy – Milano.

Skills:
- DCS (Foxboro IA, Yokogawa CS 3000, Yokogawa VP and ABB 800xA) Programming.

- PLC (Allen Bradley, SIEMENS and Omran) programming.
- InBatch Control system for Infustion.
- Foxboro I/A series® System Batch V8.
- Yokogawa Exaquantum/Batch.
- Yokogawa Plant Resource Manager (PRM).
- HMI (Fox draw, Wonderware) programming.
- Triconex ESD system.

Field of experience :
- Automation Specialist / Control System Engineer with Yokogawa, Foxboro and ABB DCS systems, capable to use the latest technology to build a complete solution for Industrial Automation of Power, Refinery, Petrochemicals and OIL & Gas plants, with a total of 9 years of experience.
- Worked in all phases (Typical Acceptance Test 'TAT', Engineering, Factory Acceptance Test 'FAT', commission, Upgrade online and start-up) of the industrial project in the most leading companies like Saudi Aramco, Methanax, KRATON Polymers and Nama Chemicals.
- Always eager to undertake very difficult tasks in terms of complex loop implementation in DCS, I also design the complex loop, commission and start-up it as I had a very strong background of chemical process control, I'm ambition and willing to learn and solve difficult engineering problems.
- I created very useful programming tools that saved a lot of time during all phases in all projects and I had been awarded on this.