

Mr. Jinhui Zhao

Senior Electrical Engineer



BASIC INFORMATION

- Gender: Male
- Age: 47
- Nationality: Chinese
- Residency: Shanghai
- Language(s): Chinese, English - Good
- Work Experience: 23 years
- Most Recent Position: Technical Manager at Universal Beijing Resort



SKILLS

- Relevant skills for the job
 - Electrical and automation system designing experience like PLC/DCS/SIS/ESD, as well Power supply system up to 10KV and MCC/VFD/heating trace systems. Electrical diagram submit, BOM list, terminating list and layout drawings etc. and according electrical calculation and HOZAP analysis, check list etc. documents needed.
 - Excellent expertise of EPC/EPCM project management experiences for whole project life cycle. Oil&Gas, theme park industries, heavy industries and automotive industries etc. Involve in engineering designing PD/DD phases, budget estimate, planning and scheduling, procurement and fabrication&site assembling. According Subcontractors management and quality control, site commissioning&trouble shooting and project handover etc.
 - Familiar with different criteria GB/IEC/EN/ANS/UL etc. Explosion proof codes like ATEX/FM/GB/IEC/UL etc. Explosion proof type like EXd/e/q/m/ia,ib/p etc. Familiar with different Kind of bus like FF/PROFIBUS/DeviceNet/ControlNet/CC-LINK/AS-i/ETHERNET/wireless mode.
 - Abilities in working with large, cross-functional and multicultural teams with diversity. Self-motivation and team player. Willing to take responsibility to accept challenges to solve problems.
- Relevant kinds of projects or keywords for the job
 - Universal Beijing Resort-Harry Potter park-3.5 billions RMB
 - Thyssenkrupp shipunloaders in Turkey-electrical engineering and site service
 - Thyssenkrupp shipunloaders in Guangzhou-engineering and commissioning and handover
 - Thyssenkrupp Uhde crude oil storage tank and transport station-designing, purchasing, fabrication
 - SASOL modules electrical engineering service-44 modules
 - Technip metering skids electrical and instruments engineering service-6 skids
 - Bartec Xinjiang Dushanzi heating trace system-engineering service
 - Consen Exp control panel for oil&gas-EPC project
 - SIEMENS Beijing T3 airport baggage handling system-EPCM project
 - Beijing BENZ painting plant-EPC project
 - Wugang/Taigang/Hangang steel plant
- Software(s) and Skills: Microsoft Office, Autocad, solidworks, etc.
- Key sector(s): Chemical, Oil & Gas, theme park, heavy industries etc.



EDUCATION

1995- 1999: Bachelor Degree in computer application-bachelor degree

HV/LV licence



PROFESSIONAL EXPERIENCE:

2018.7 – Present

Technical Manager | Universal Beijing Resort

Project Experience:

- Hippogriff coast roller electrical engineering work
- Tri-wizard stage flame effect and park wide flame effect(explosion-proof)-principle investigator
- Movable animate props. Totally 118 sets-principle investigator
- Special effect in 510FJ-steam, wind, water spray, fans, lightings, water mist curtain etc.-principle investigator

Main Responsibilities:

- Lead whole project of flame effect and animate props and special effect.
- PD/DD review and approve online, RFI/RFQ documents preparation. Design change request documents review and approve.
- Technical clarifications with all parties.fabrication supervision activity.
- Emergency materials procurement.
- Daily/week white board meeting to report project status.
- Imported materials/equipment management.
- Site problems clarification and solutions.
- Quality control activity.
- Terminating work and commissioning by team.
- Online acceptance and inspection by core team from Universal US team.
- FAT/SAT activity and report.
- Training to operation team.
- Cross-disciplines function check and review activity.
- Handover documents work.

2010.3 - 2018.7

Electrical manager/ME project engineer | Thyssenkrupp Industrial Solutions Beijing

Project Experience:

- Baiyinhua open pit EPC project-510 million RMB
- Shenzhen shipunloaders-180 million RMB
- TISCO rock semi-mobile crusher-70 million RMB
- Datang Xinlinhot coal open pit-1,100 million RMB
- Guangzhou zhujiang power plant shipunloaders-260 million RMB
- Xinjiang/Baogang/China Gold crushers
- Huaneng Caofeidian shiploaders and car dumpers
- YAMAMA crude oil tanks
- Shenzhen Jiahuwan shipunloaders
- POLYSUIS nonferrous metals treatment plant instrument system and DCS system

Main Responsibilities:

- Tendering and bidding documents preparation.
- Consultant services to new client
- Designing liaison meeting with domestic designing institute for projects
- Trouble-shooting consultant service to clients by phone
- Onsite after-sales services to client

- Concept drawings and description, layout drawings, power consumption list, vendor list, main materials BOM list, single line diagram for new project
- DD review, include in electrical diagram, terminating list, BOM list, layout drawings, cable list etc.
- Work closely with Germany colleagues for projects
- FDS and TS documents translation, release to subcontractors and liaison meeting for clarification
- Procurement activity for technical review
- System integration plants and materials suppliers visit and choose qualified suppliers
- FAT activity and report submit to company
- Site engineering services-subcontractors management, quality control, materials management, schedule control, shipping activities etc.
- SAT activity and report submit to company.
- Commissioning work and production to meet requirement
- Trouble shooting onsite
- Overhaul service and technical transformation service if client need
- others

2007.11 - 2010.8

Application and Sales engineer | BARTEC GmbH. Shanghai Company

Project Experience:

BARTEC is one of the most famous companies of the world that can supply overall **Explosion proof products** Auto-control/heating trace product as well as oil defined online instruments. I have good opportunity to participate in the sales and application engineer for plant Ex. Products and mining Ex. Products. I acted as the after sales service engineer for mining equipment which imported from German to Shenhua group in Erosd. In addition, I act as a sales and application engineer to promote BARTEC products in North China market. Our clients including as follow, famous petrochemical companies and according engineering companies domestic and abroad etc. Including **CNPC SINOPEC LPEC CNGC CPP** and according OEM companies like CONSEN etc. I provide many Ex d/Ex p/Ex e products and solutions to clients and win the trust from them. Include in the followings: Ex. Control station, Ex. Junction boxes, Ex. Control panel and air conditioning system, Ex. Heating trace system.

Know much about the associated standards and codes and requirements. ATEX, FM, UL, IECEx, and GB etc. Plant and mining are different. Regarding the explosion-proof I can say I am the professional engineer to provide the overall solutions in such explosion-proof technical applications like Exe/d/ia,ib/q/m/p. I am interested in and very familiar with the explosion- proof system integration solutions like Ex d panels and Ex p pressurized panels and Ex e/d/q/m/ia/ib panels. I am also familiar with different kinds of bus (wireless communications is also in scope) and barriers etc in Ex. condition. Regarding the field the onshore/offshore both are familiar with.

Main Responsibilities:

- Visit oil&gas design institute like SEI, HQCEC,LPEC, TCC, CPP etc. To collect project information
- Provide technical consultant services and sales services to client and promote BARTEC products in north China market
- Provide all the designing drawings and solutions to client by myself
- Technical exchange with client
- Attend the exhibition to introduce BARTEC products to visitors and collect information
- Site engineering services to clients
- Provide OEM solutions to clients
- PLC programming

2006.11 - 2007.10

Electrical Site Manager | SIEMENS China Company

Project Experience:

SIEMENS I&S group is focus on the infrastructure industry engineering projects. I belong to AL (Air Logistics) department and act as an electrical site manager and in charge of sub-contractors management and site installing&commissioning for Beijing new airport project. This project is one of important projects of Beijing that serve for Olympic Games in 2008. The whole project budget is about 2 billion RMB and I mainly focus on the T3A which is the biggest one and occupy 2/3 of whole project.

Main Responsibilities:

- Subcontractors management
- Schedule control to meet the commissioning node
- quality control activity

2003.8 - 2006.10

Chief electrical project engineer | HADEN International Group

Project Experience:

Haden is one of the most famous professional companies that focus on automotive painting plants and headquarter based in US. Till to now I have the opportunity to participate to two big projects. 1. Guangzhou/Xiangfan Fengshen automotive bumper painting plants. (RMB 100,000,000) . 2. Beijing Benz Daimler Chrysler automotive paint plant. (RMB 480,000,000). The automotive painting line is one of the most complex lines of auto plant which including in process equipment conveyor system and robot system and power station etc.

Main Responsibilities:

- PD/DD review with headquarter colleague and domestic design institute
- Subcontractors management and procurement activity
- Check the drawings and monitor the electrical engineering budgets.
- Installing quality control and schedule control
- Solve site problems during commissioning
- PLC commissioning by myself
- training to the clients and handover

1999.7 - 2003.8

electrical engineer | Shanghai Xinzhong Metal Equipment Plant

Project Experience:

XZ MECO is one of domestic companies that supply the metal plant equipment include in continuous casters, torch cutters etc. All the electrical designing programming installing and commissioning must be done by myself. I learn a lot basic knowledge about electrical fields and promote my practice ability during work on different steel plants.

Main Responsibilities:

- Electrical diagram, BOM list, layout drawing, cable list etc. Designing work
- PLC programming and test in plant
- SAT activity
- Trouble shooting
- training to the clients and handover