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| **thiagarajan pandian**  SENOR ELECTRICAL ENGINEER  Singapore Permanent Resistant  DOB:01/06/1973  HP:+6583281948  Emai:pandian2703@yahoo.com  Address: BLK 329, Bukit Batok, st33, S650329. | SKILLS BOSIET & HUET  CompEX Certified Inspector  Trained Internal Auditor for OSHA & ISO  API Q2 Specification Certified  Electrical Designing  Instrumentation  Automation  AutoCAD,Solidworks Essential  E3 Zuken Schematic,  PLC (Omron, Siemens, Panasonic FP)  SCADA  MS OFFICE  Technical Knowledge in Computer Hardware LANGUAGES English, Tamil, Malay |
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| EXPERIENCEGlobal Hydraulics, Singapore. — Senior Electrical EngineerFeb 2012 - PRESENT  * Inspected and evaluated ships for potential purchase, and evaluated costs of plant recovery * To perform, manage and control all kinds of electrical maintenance activities on vessel’s major and minor equipment during operations as well as during shut down. * Created, updated, and aided in translating complex wiring, control, and automation diagrams * Empowered to enter into contracts and purchase necessary equipment and supplies. * Coordinated with local agencies and authorities to perform safety and operations testing and acquire compliance certificates. * Supervised onsite work crews and contractors to execute recovery plans on a daily basis. * Provided worldwide technical support for reconditioned ships in foreign ports, and liaised with foreign authorities to achieve required repairs. * Provided technical support for the design and installation of hydraulics System onboard * Prepared technical specifications, wrote procurements, and coordinated new equipment installations. * Developed “Periodic Test Procedures” that aided in test and commissioning of automation systems. * Vessel steering system and Mooring systems Repair and commissioning. * AHTW installation, commissioning and handover to clients. * Marine cranes and Deck equipment inspection Load Test and commissioning.  SIS`88 Pte Ltd, SingaporeSep 2007 - Feb 2012  * Control Room / Remote Instrument Enclosure Design, Tank Instruments and Gauging Systems, Process and Programmable Logic Controllers, Fire and Gas Detection & Protection Systems, Security Systems (closed circuit cameras and intrusion detectors), Truck Unloading Systems, Emergency Shutdown and Safeguarding Systems * Sizing and Selection of Instrumentation Equipment, Specification and requisition of Instrumentation Equipment * Diagnosed and corrected problems accurately and promptly; interacted with the plant manager, maintenance manager, equipment vendors, and maintenance contractors. * Attend weekly production and safety meeting to discuss productionprogressand safety * Involved in loop checking, and manifold testing, calibration of electronics load cells. Pneumatics transmitter, thermocouples, RTD, control valve, local controller alignment and testing. Pressure switch, temperature switch settings. Servicing and calibration of level control, .Calibration and testing of control room panel indicators, recorders, actuator and controllers * Calibration of Control valves, Flow, Level, Temperature, Pressure Transmitters and Pressure Test for tubing. Diagnosed and corrected problems accurately and promptly; interacted with the plant manager, equipment vendors, and maintenance contractors Calibrations of load cells.  Golden Tech Electrical Pte Ltd, SingaporeAugust 2006 - August 2007  * Involves in Construction, Inspection and Commissioning activities. * Planning and work scheduling to be carried out during construction. * Testing and commissioning of all kind of electrical panels. * Design and Installation of cable trays and trunkings. * Laying and termination of all type of cables, checking of electrical system on board. * Troubleshooting and repair of all electrical control system panels. * Quotation preparation, Tendering and co-ordination for Electrical installation, * Drafting Electrical engineering drawing and preparation using AutoCAD Submit to Client Approval. * Installation of cable way Such as cable trays, Metal cable transits, Metal conduit pipes, etc.  KEPPEL Fels Pte Ltd, SingaporeNovember 2002 - August 2006  * Inspection Hazardous Area Electrical, Instrument like Drill Floor, Mud pit room, Mud tank, Thruster Room, pump Room DP 3 System. * Inspection of Installation on Diesel Engine & ECR control console, Switch board, Transformers, Cable ladder support, Cable ladder, lighting distribution boards, lighting supports, Instrument supports and installation*.* * Pre Commissioning( Cold test),Commissioning( Hot Test) of Power, Process Instrumentation and Controls to Main Engine, Marine pumps, Ventilation, HVAC, Drilling Controls, Hydraulic system, UPS, DP system, , Ship Telephone , fire & Gas, . * Witness the function test for all the Instruments, Control Valves. * Attend to the VSCC meeting and daily updating jobs done , * Experience in oil rigs onshore and offshore Assembling & Commissioning of Electrical Equipment.   **Sun Electricals Pte Ltd, India** August 2002 - May 1995  * Electricity Supply Distribution and Utilization Systems * Electrical System Design and Computer Analysis/Calculation * Electrical Protection Device and System Protection Coordination * Uninterruptible Power Supply and Emergency Standby Supply Systems * Electrical System and Equipment Layouts * Electrical Equipment and Material Specifications * Sizing and Selection of Electrical Equipment and Material * Electrical Substation and Switch room Maintenance  EDUCATIONSingapore Polytechnic, Singapore — Advanced Diploma in Process Control & Instrumentation EngineeringGovernment polytechnic, Tamilnadu, India — Diploma in Electrical & Electronics EngineeringPROJECTS  * Tee Kay Shipping, Pattani Spirit, FSO at Chevron, Thailand. * Bumi Armada, Armada Claire FPSO. * PTTEP Offshore Platform, Thailand. * Sapura Energy, Sapura Alliance * Maersk Shipping.(Lica, Leda, Lexa, Mcc Singapore, Mcc Xiamen) * Mc Dermot DLV 2000 Cable laying vessel. * IBERCISA Deck Machinery Commissioning. * Miretti Explosion Proof Conversions. * Dredging International, PSA Port Construction, Singapore. * HEILA Marine Cranes Commissioning * Jack up Rigs (Mobile offshore drilling units) Deep Driller 2, 3, 5 and 6 (new construction) for Deep Drilling Invest (DDI). * Upgrading of “Ensco 67” for Ensco International. * Hull of Floating Production Unit (FPO) of Petrobras P52 and P53 * Shaw Deniz TPG 500 Gas Export Project of British Petroleum (BP), U.K * Jack up Rig “Atwood Beacon” for Atwood Oceanic Ltd., Houston, U.S.A. * Jack up rig “Chiles Discovery” for Chiles offshore. * AHTW and supply vessels ( Posh, Otto marine,ASL marine, MMA offshore,)  DECLARATION I take the job with a great sense of responsibility enjoy the challenge of new situation and expect to make a positive contribution to your organization.  Yours Faithfully,  Thiagarajan Pandian. |