**CURRICULUM VITAE**

****

|  |  |
| --- | --- |
| **Personal**  **Information**  **Name**  **Address**  **Date of birth**  **education**  **Telephone**  **Skype ID**  **E-mail**  **Nationality** | YunirsanHerawan  GriyaPermataBatuAji Blok A. 191  BatuAji  Batam  INDONESIA  10 June 1972  Diploma Electrical Engineering Andalas University  Call : +62 813 72600753  Whatapp : +62 81266153926  yunirsan herawan  [yunirsan@gmail.com](mailto:yunirsan@gmail.com)  INDONESIA |

**Competences**

Over 17 years than Handling all Electrical and Instrument to support process system and unit system on industrial manufacturing and fabrication oil & gas including Preventive and analysis, troubleshooting design and repair, service and maintenance, Calibration of instrument electronics.

Responsibility all report, Prepare work volume and Coordinate the man power loading requirement.

* Direct Supervision and Quality Control during construction and installation of the part of the plant under discipline responsibility. This relates to Instrument and Electrical activities.
* To report any matter of safety if any linked with instrument and electrical activities and to follow the pre commissioning activities, and I am experienced in the knowledge of Electrical & Instrument drawing, General Arrangement and P & ID and Familiar with applicable industrial code (NFPA 70, NEC, IEC, NEMA, API etc )
* Direct coordinate engineering, manufacturing, construction, installation, maintenance and support documentation and testing activities to ensure compliance with specifications, codes of practices and customer requirements.
* Have ability & capability to inspect all electrical & Instrumentations equipment that installed in hazardous area follow standard NEC & IEC. And also having experience to do perform FAT / IFAT as per project specification.
* Responsibility for Electrical inspections: HV/LV Switchgear, Motors, Electric Heater, Lightings, Small Power Circuit/Welding Outlet, Chillers ,Batteries, Feeder Unit, Charger/Inverter/UPS, Generator, Distribution Board, Junction Boxes, Earth system, , Cable ladder/tray, Miscellaneous Electrical Equipment’s, Heat tracing system.
* Responsibility to Instrument Inspections: Wellhead Control Panel (WHCP), Instrument Devices, UCP/system & Termination Cabinet, Junction boxes, Orifice Plate, Instrument Calibration & testing, Pressure Safety Valve, Fire & Gas Devices, Fusible Plug Loop Leak Test, Stand Alone Instrument, Instrument SS Tubing Installation & Leakage Test, Fire & Gas Detectors, Heat Detector, Smoke Detector, Optical & Ionization type, ESD Station, Manual Call Points.
* Responsibility to Telecom Inspections: Data/ Telephone Outlet Cables, Cat-6 cable use fluke internet tester, Public Address Speaker & Junction Boxes, Public Address Flashing Beacon, External Telephone, Antenna & Feeder, Telecom Junction Boxes
* Responsibility to HVAC Inspections**:** Ducting Shut Off Dumper, Pressure Differential Gauge, Pressure Differential Switch, Temperature Sensor, Humidity Sensor and Fresh Air Filter.

**Formal education**

* Polytechnic AndalasUniversityTechnology Padang majoring Electrical 1996,

**Education and Training**

* **CompExcourse( Com**petency in **Ex**plosive atmospheres **) IEC standards 60079**

Training and certification of personnel who work on electrical equipment in potentially

Explosive atmosphere for E & I inspection recognized EEMUA-JT Limited

K2 Specialist Services Pte Ltd, Singapore.

**EEMUA Licence No. 52180**( October 2015 ~ October 2020)

* 23-24 October 2013

Hazardous locations UL training

Serial number : HLULT 201310033

**UL Knowledge Services**

* September 9 ~ 21, 2013

**HVAC Training**

**Bina Nusantara Education Foundation**

* June, 2000

Training on Introduction to Programmable Intelligent I/O devices **( PLC Omron** **)** knowledge for I/O devicesfrom PLC omron and also can read and make the ladder diagram.

**OMRON INDONESIA Jakarta**

* September 5th, 2001

Nine point thermocouples for oven temperature

Knowledge for 9-points oven temperature calibration with data report

**Cybertech Singapore**

* March 16th,2009 – June 16th,2009

**Electrical & Instrument Inspector**

Overview of Onshore and Offshore oil & gas for electrical & Instrument Inspector about field instrument.

**IKBAL M YOS BATAM**

* January 5 – 7th, 2009

Internal Auditor Training Health and Safety Management System (Certificate reg no. 1303004955/24).The Training covered the following subject : OHSAS System Overview, Risk Assessment Overview, OHSAS 18001 Requirements Overview, Auditing Guidelines based on ISO 190011:2002 and Auditing

**byTUVReinland**

**CAPABILITIES/ QUALIFICATION**

Language : Bahasa Indonesia, English spoken and written

**WORK EXPERIENCE**

1. **Freelance Inspector ( Factory Acceptance Test - FAT )**

**Aug 2016 ~ Present**

* Grounding Cable – **KALSEL-1 COAL** **POWER PLANT PROJECT** – PT Kabel Metal

Indonesia. (3rd Party of Cutech / On behalf of HYUNDAI Engineering co ltd ).

* ESD FSD Station - **BASSEIN DEVELOPMENT PROJECT** **( ONGC )** – PT Proserv.

(3rd Party of Bureau Veritas / On behalf of L&T Hydrocarbon Engineering Ltd, India ).

* Gas Venting Cabinet - **JANGKRIK COMPLEX PROJECT** – Technip/ PT.Wilmax.

(3rd Party of RINA / On behalf of ENI Muara Bakau B.V ).

* Local Control Station – **PETRONAS RAPID PROJECT ( PACKAGE 03 )-**BARTEC.LTD

(3rd Party of NDE / On behalf of Tecnicas Reunidas ).

* Electrical Cable Ladder & Trays – **TOTAL E & P ANGOLA BLOCK 32 *–*** *SBN. LTD*

(3rd Party of Wide & Pin / On behalf of Saipem ).

* Factory Acceptance Test ( FAT ) DCS, FGS and IPS Panel – Schneider Electric Singapore.

**KUWAIT NATIONAL PETROLEUM COMPANY (KNPC)**

(3rd Party of Edif NDE / On behalf of JGSK ).

* Factory Acceptance Test ( FAT ) MMS-Machine Monitoring System – GE Oil & Gas

Singapore***.* PETRONAS RAPID PROJECT ( PACKAGE 04 )**

(3rd Party of Edif NDE / On behalf of RAPID PMC ).

* Factory Acceptance Test ( FAT ) Telecommunication Panel – PT.ABB SAKTI INDUSTRI

Jakarta***.* KALSEL-1 COAL FIRED POWER PLANT PROJECT**

(3rd Party of Cutech / On behalf of HYUNDAI Engineering co. ltd ).

* Telecommunication System – **PETRONAS RAPID PROJECT ( PACKAGE 03 )-**

LEAP NETWORK Pte. Ltd Singapore***.***

(3rd Party of Edif NDE / On behalf of Tecnicas Reunidas ).

* Factory Acceptance Test ( FAT ) for Wellhead Control Panel (WHCP) – PT.Wilmax

Batam***.* LIFE EXTENSION OF WELL PLATFORM PROJECT-1 ( LEWPP – 01 )**

(3rd Party of RINA / On behalf of ONGC. ltd ).

* Pre-Production Meeting for Wellhead control Panel (WHCP )- PT. Wilmax Batam.

**BRITISH PETROLEUM ( BP Tangguh Expansion Project ).**

(3rd Party of Wide & Pin / On behalf of Saipem ).

* Factory Acceptance Test (FAT) for Wire Pressure Transmitter with manifold and SPD –

EMERSON Singapore - **PETRONAS RAPID PROJECT ( PACKAGE 03 ).**

(3rd Party of Edif NDE / On behalf of Tecnicas Reunidas ).

* REGAS & JETTY Substation – **BAHRAIN LNG IMPOR TERMINAL PROJECT.**

(3rd Party of ABS Consulting/on behalf of GS Engineering/Construction).

**2. VOPAK TANK Terminal Jakarta**

**QC E & I Inspector ATEX at SATOIL ( July ~ August 2016 ).**

* To ensure that inspections are undertaken in a controlled and structured manner and that inspection results are documented to ensure the integrity of the Hazardous Area Electrical Equipment.

1. **Exxon Mobile Cepu Ltd - EPC1 Banyu Urip Project (3rd Party of Spencer Ogden )**

**Jan 2015 – June 2016.**

**QC E/I inspector ( CompEx Certificate ).**

**-** Inspect Installation & Test Grounding Rod to ensure All Field are save from Electrical risk.

* Arrange Continuity Test & Insulation, Hi-Pot, Contact Resistant Test HV Cable & MV Cable for Electrical and invite client to witness.
* Inspect Instrumentation for Wellhead Control Panel (WHCP), Transmitters, control valve, switches, thermocouples and other measuring and control devices.
* Electrical: Motors, Relays, meters, drives, Motor, etc.
* Internal inspection and also be recorded in the Work Package such as: Installation complete, tagging and wire labeling complete, grounding, terminations, damage, missing items etc.
* Completed ITR include fill in the Punch List based on Inspection by Client.
* Check and completed job as per specification project of construction process like as gland install, cable tagging/cable marker, routing / tie down and dressing cable in line cable tray from source to site, wire marker also wiring termination (suitable in spec and hazardous location).
* Prepare permit to work (PTW) and lockout take out (LOTO) before commissioning functionally test.

1. **BECHTEL Corporation(Australia Pacific LNG module yard )**

**April 2013 –Nov 2014**

**Electrical & Instrument Supervisor**

**\* Pipe rack/ Module : OSBL/ISBL, Propane and Cryogenic Train 1 & 2.**

**\* Skid Package : Inlet Air Chiller ( IAC )**

|  |  |  |
| --- | --- | --- |
| -      Prepare material for Electrical follow bill of material (BOM).  -      Prepare and plan for Material Take Over (MTO).  -      Do SAT (Site acceptance test) as on data sheet and do preservation device/panel .  -      Manage and inspect installation of device and panels.  -      Prepare schematic diagram for electrical layout location, cable schedule and data sheet.  -      Monitoring daily work progress electrical construction for subcontractor as per load of date.  -      Daily production meeting for issue, balance and progress of work.  - Manage and monitoring man powers scope for job daily activities.  - Responsible to daily work plan for E & I construction.  - Ensure E & I construction running with smoothly according to weekly and monthly schedule. |  |  |

1. **PT. Wasco Engineering Indonesia**

**Jan 2013 –Mar 2013**

**E &I and HVAC Inspector**

**Project involve :**

**\* MISC- SIEMENS Energy oil &gas ( E-house : CENDOR PHASE 2 - FPSO )**

**\* GNLG Plant Project : E-House**

- Inspect Gland cable installation & Termination Cable at Field and invite Client to witness.

- Arrange Continuity Test & Insulation, Hi-Pot, Contact Resistant Test HV Cable & MV Cable for

Electrical and invite client to witness.

- Inspect Pulling Cable base on Cable Schedule

- Prepare and implement inspection and test plan based on project specifications, codes and

standards –ASHRAE

- Conduct inspection of all HVAC materials, equipment, site construction activities, testing,

adjusting and balancing of HVAC system as per applicable Standards.

- Inspection & installation of HVAC equipment’s - Refrigeration/ air-conditioning equipment’s

likecompressors,condensers, evaporators, fans and control systems.

- Monitor and ensure that all HVAC site activities are conducted in accordance with approved

shopdrawing,specification and installation procedure and material storage

- To monitor the construction works to ensure compliance of quality standards of HVAC

system.

1. **PT Bakrie Construction .Cilegon, West Java-Indonesia**

**June 2012– Dec 2012**

**Electrical & Instrument Inspector**

**Project involve :**

**TOPSIDE PHE-PERTAMINA WMO (West Madura Offshore-Indonesia)**

**-** Monitor and inspection of project construction activities related to electrical andinstrument

work,installation and ensure that all project phase meet the established objective.

- Daily inspection base on RFI (Request for inspection) from main contractor persystem and

sub system as per project specification and ITP (Inspection TestProcedure).

- To Perform FAT with client and vendor

- Invite and witness with E & I Inspector Representative for do Inspection base on RFI

(Request for inspection)

- Implement of Quality memo record for Electrical & Instrument Installation

- Review Engineering Drawing and as built of Electrical & Instrument

- Check & Updated E & I Progress Installation report

- Review ITP for Electrical & Instrument

- Updated Progress E & I Installation Report and Incoming RFI

- Check All Electrical& Instrument Installation Base on Basic specification, Datasheet &

Drawing Supporting

- Prepare and submit closing finding Report that has been completed

1. **PT. Nippon Steel Batam Offshore service**

**QC E&I INSPECTOR ( Sept 2011-Feb 2012 )**

**Project involve :**

**South Mahakam Field Development Phase 1 & 2 ( Main Stupa, West Stupa,**

**East Mandu wellhead Platform) Client : Total E&P Indonesie**

- Inspection Incoming Material And Equipment and make sure it in good condition/preservation.

- Review contract’s engineering design, as-built drawing, equipment to used, installation/

construction method.

- Check & Review Installations Schedules and Progress Project

- Check Cables schedule including Pulling, Glanding cable, Continuity and Insulation/ Megger

- Monitor project quality performance and take appropriate corrective action.

- Daily inspection base on RFI (Request for inspection) from main contractor persystem and

sub systemAs per project specification and ITP (Inspection TestProcedure).

- Witness together with E & I Inspector Representative for do Inspection base on RFI

(Request For inspection) per system and per sub system.

- Coordinated with QA/QC , Engineering for any related issue for MC Inspection.

1. **PT. SHIN ETSU MAGNETICS INDONESIA**

**May 1999 – Aug 2011**

**Facility Coordinator**

Responsible for facility equipment (**DI Water Plant with RO process unit, Air**

**Compressors with** **Air Dryer, and Heating Ventilation and Air Conditioner**

“**HVAC**”).And also responsible to provide Electrical, maintenance group particularly (but not

limited) for trouble shooting and optimization of production facility.

1. **PT. Prima Circuitama Indonesia**

**May 1998 – April 1999**

**Maintenance**

Performed skilled technical duties in the wire bonding.Was responsible for quality printing and die attack.And also to setup new model.

1. **PT. Policipta Multi Design**

**Jan 1997 – Feb 1998**

**Electrical design**

Was responsible for reviewing design electrical& specifications for material using for building,

mall and office. And also the duty will involve survey of current status, defining customer

needs, technical study, technical aspects to cost control, planning and designing as well as

estimation.