



CURRICULUM VITAE

MUHAMMAD SOPIAN

DOB : December 22. 1970

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Nationality : Indonesia

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Highlight Skill

- Experienced in design, installation, modification, commissioning and maintenance for all types of process control instruments in Pulp & Paper, Oil & Gas Companies.
- Specialist in Programming, Modification and Maintenance of Programmable Logic Control (PLC) & Distributed Control System (DCS),
- Experienced in design, modification, commissioning and maintenance of Wellhead Control Panel (WHCP),
- Experienced in Electrical, Instrument, Telecom and EX Inspector on FPSO Project

Qualification


Engineering Scope,


- Project Management, Fabrication process, Budget Control, Maintenance of WHCP, ESDP, FPP.
- FAT, Commissioning & Startup of Wellhead Control Panel (WHCP), ESDP, FPP.
- Design & Programming of Programmable Logic Control (PLC), Distributed Control system (DCS), Human machine Interface (HMI).
- Electrical, Instrument, Telecom and EX Inspector

Administration Scope,


Labor cost, Payroll, Human Resources Development, Management System (ISO 9001, OHSAS 18001, ISO 14001 & Sistem Manajemen kesehatan dan keselamatan Kerja (SMK3))

Work Experiences

Duration	September 2016 - February 2017	
Position	EIT Inspector	
Company	YINSON GENESIS, Singapore	
Project Name	Ghana OCTP Development Project-OCTP Offshore FPSO	
Project Location	Keppel Shipyard, Tuas Singapore	
Main JOB	<ul style="list-style-type: none"> • Monitor and verify through surveillance of EPC contractor work in electrical and instrument equipment installation, hook-up, loop checking and Megger testing are in compliance with the technical requirements for the project • Monitor to ensure Contractor's documentation is compiled progressively as required and of acceptable quality • Clear Punches with rectified and solved all Electrical & Instruments. • Daily surveillance reporting and submission of ITR report of Subsystem done 	


Duration	April 2016 – September 2016
Position	E & I Supervisor
Company	ENI 
Project Name	Ghana OCTP Development Project-OCTP Offshore FPSO Construction of Topsides Modules : <ul style="list-style-type: none"> • MF1 - HP&LP FLARE KO DRUM • MC1 - MP/LP FLASH GAS COMPRESSION • MC2 - HP FLASH GAS COMPRESSION & TEG DEHYDRATION • MC3 - GAS INJECTION 1ST & 2ND STAGE COMPRESSION • MO1 - OIL AND CONDENSATE RECEIVING AND SEPARATION • MO2 - OIL TREATMENT AND FUEL GAS • MW-1 - WATER TREATMENT
Main JOB	<ul style="list-style-type: none"> • As Client monitoring the subcontractor for Installation of Instrument Devices, Cable tray, E&I Cable laying, E&I Termination, Lights Fixtures, Junction Box, Instrument Tubing and Heat Tracing on Modules. • Conducting construction walk downs, raise walk down punch list items • Provided timely reports as needed to the ENI Rep. site manager for all Modules

Duration	July 2015 – March 2016
	Freelancer : <ul style="list-style-type: none"> • As a consultant for electrical and instrumentation & Control Automation • As an instructor for Oil & Gas Training organization


Duration	July 2008 – July 2015
Position	SYSTEM INTEGRATION MANAGER
Company	PT. PROSERV, Batam 
Company Products	Specialized in custom built control equipment for the Oil & Gas industry
Main JOB	<ul style="list-style-type: none"> - Prepare and make Quotation for Wellhead Control Panel based on PLC Logic control, Shutdown Panel, Electrical ESD Panel, Fusible Plug Loop etc as per Clients Specification. - Preparation of equipment and materials as per specifications and data sheets, construction/Control System-related Bill Of Materials. - Involved in the Technical/Commercial Bid Evaluations (TBE/CBE) - Design on AUTOCAD and for Wellhead Control Panel (WHCP), Fusible Plug Loop, Emergency Shutdown Panel (ESD), etc - Programming Logic Implementation on PLC Software Design. - Supervise subordinate during Panel making and materials Installation. - Ensure all instrument equipment installed as per specification and Performed NCR (Non Conformance Report) if any deviation. - Prepared Punch list during In house Test and rectified prior FAT - Do Factory Acceptance Test (FAT) with clients to ensure Panels good working. - Arrange and prepare Documents (Operation Manuals, Maintenance Manuals, FAT Procedures, etc) for relate Projects done. - Site Visit for Commissioning, Startup of Wellhead Control Panel both at Offshore & Onshore. - Make Setting, Calibrating, and adjusting for Instrumentation Equipment such


	<p>Pressure Sensor Relief Valve, Pressure Switches, Transmitters (Pressure, Temperature, level), etc.</p> <ul style="list-style-type: none"> - Doing Flushing on Package Unit to get Oil Cleanliness as per National American Standard by Using Particle Count Testing Equipment. - Conducted Training for Wellhead Control Panel as per Client specification project. <p>- As Functional Job also responsible as follows :</p> <ul style="list-style-type: none"> • ensure Management System (ISO9001,ISO14001,OHSAS18001 & SMK3) are implemented consistently and effectively. • To establish a safety programs for all workshop activities with compliance of procedures, company safety rules, government and customer requirement. • Supervise HSE Team implementation of safety induction, Safety training, & Safety committee programs. • Conducted annual Internal & external audit of Integrated Management System • Performed Annual internal & external Audit for Integrated management system (ISO9001; ISO 14001; OHSAS 18001 & SMK3) • Responsible for Human Resources Development Activities (Payroll, Health Insurance, Hiring Employees, Training Program/Plan, Training Matrix & Gap Analysis, • Conducted Annual Performance Review for all employees. • Involved Management Monthly Meeting to review and evaluate production & target.
Involve in Projects with Clients	<ol style="list-style-type: none"> 1. Double String Emergency Shutdown System Panel Customer : Tanjung Offshore Engineering SDN BHD, Malaysia <ul style="list-style-type: none"> - Hydraulic Output Max 10000Psi - Pneumatic Output Max 100psi - Hydraulic Pump driven by Pneumatic with air 150psi Max 2. Electrical Emergency Shutdown Panel (ESDP) Customer : Halliburton Testing & Subsea <ul style="list-style-type: none"> - Two Air Driven Hydraulic Pump - Maximum working Pressure 10000Psig for SSSV & 6000Psig for SSV - Relay Control 3. Portable Wellhead Control Panel Customer : CUU LONG JOINT OPERATING Company, Vietnam <ul style="list-style-type: none"> - Well Operating SCSSV, SSV, WING, LGV & CHOKE - Maximum Working Pressure 275 Barg for SCSSV, & 180 Barg for SSV,WING, LGV & CHOKE. - Hydraulic Pump driven by Air - Controlled by SIMATIC S-7 Programmable Logic Control (PLC), Siemens - Operator control at Human Machine Interface (HMI). 4. Fusible Plug Loop Panel Customer : Petronas Caligary, PC Vietnam <ul style="list-style-type: none"> - Instrument Gas Supply 100Psig - Auto Control sensing by Pressure Pilot set at 73psig falling - SIL-3 (2oo3) Digital Transmitter sensor to Fire & Gas system 5. Single Module Wellhead Control Panel Customer : PAN AFRICAN ENERGY, Songo-Songo. Tanzania <ul style="list-style-type: none"> - Well Operating SCSSV, SSV, & WING, - Maximum Working Pressure 350 Barg for SCSSV, & 250 Barg for SSV, & WING. - Hydraulic Pump driven by Instrument Air. 6. Pneumatic HI/LO Pressure Switches Customer : Sime Darby Sdn. Bhd <ul style="list-style-type: none"> - Direct Mounting Internal Set Point Adjustment - SS316 (NACE) Pneumatic Pressure Sensor - IP65 Enclosure 7. Modification & Commissioning of Wellhead Control Panel

	<p>Customer : Premier OIL Natuna Sea Project Name : Naga & Pelikan Project Project Activities : PLC Modification and Commissioning (Allen Bradley RS Logix5000)</p> <p>8. As a trainer Conducted Training of Wellhead Control Panel (WHCP) Date of Training : August. 2014 Venue : Technip Yard Lampung Customer : PETRONAS CARIGALI KETAPANG Project Name : BTJT-A BUKIT TUA DEVELOPMENT PROJECT Type of Training : Class Training and Field.</p> <p>9. As a trainer Conducted Training of Wellhead Control Panel (WHCP) Date of Training : January 28. 2015 Venue : Mobil Cepu, Ltd Customer : TRIPATRA – SAMSUNG CONSORTIUM Project Name : BANYU URIP PROJECT Type of Training : Class Training</p>
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Duration	2006 - 2008
Position	INSTRUMENT ENGINEER
Company	WILMAX CONTROL SYSTEMS PTE LTD (Singapore) 
Company Products	Specialized in custom built control equipment for the Oil & Gas industry
Main JOB	<ul style="list-style-type: none"> - Arrange and make Quotation for Wellhead Control Panel based on PLC - Make Setting, Calibrating, and adjusting for Instrumentation sensor such Pressure Sensor Relief Valve, Pressure Switches, etc - Do Checking, Repairing and testing for Instruments materials such Regulators, Valves, Three way valve, Interface valves, Sensors, Solenoid valves, etc - In house testing Instruments Controls such Wellhead Control Panels, HIPPS Control Panels, Choke Valve Control Panels before Factory Acceptance Test - Hydro testing for HIPPS valve, Choke valve as per specification - Arranged and make a Training to clients, such Wellhead Control Panel, HIPPS & Choke System - Factory Acceptance Test (FAT) Instruments Controls such Wellhead Control Panels, HIPPS Control Panels, Choke Valve Control Panels with Client - As a Vendor, site visit for commissioning, Start up and Service for Instruments Control such Wellhead Control Panels, HIPPS Control Panels, Choke Valve Control Panels
Involve in Projects with Clients	<p>1. Petroleum Development Oman (PDO), Middle East. Job done : Replace and change Right Angle of Choke Valve to Strike angle. Troubleshoot and checking wellhead control panel during start up and also assist Commissioning Team to start the Wells.</p> <p>2. Pibiviesse (Valve Manufacturing), Italy Job done: Assembly Partial Stroke on HIPPS Valve, Ensure the operation of Partial Stroke & HIPPS Valve working well</p> <p>3. Petronas Carigali Sdn Bhd, Malaysia Job done: Commissioning and Startup 24 Well Modules of Wellhead Control Panels</p> <p>4. Shell Sarawak Project, Malaysia</p>

	Job done: Commissioning and Startup 12 well modules Wellhead control Panels 5. Talisman Project, Malaysia Job done: Modification, additional 2 Well modules and continue to startup.
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Duration	2002 - 2006
Position	SYSTEM INTEGRATION ENGINEER
Company	PT. PETROTECH BATAM 
Company Products	Specialized in custom built control equipment for the Oil & Gas industry
Main JOB	<ul style="list-style-type: none"> - Interpretation of project documentation, IO Schedules, Functional Logic diagrams to provide Software PLC Logic - Programming Logic Implementation on Software Design - Factory Acceptance Test (FAT) and Commissioning support & rectification of programming Through project hand over - Review of project documentation & comments to ensure that project documentation is suitable for Approval by Client - Site visits for Commissioning, Startup and Services
Involve in Projects with Clients	<ol style="list-style-type: none"> Bongkot Field Development Project Phase 3C Customer : PTT Exploration & Production Public Company Limited Thailand <ul style="list-style-type: none"> - 12 wells Module PLC direct Operated WHCP - Siemens Quadlog Redundant PLC SIL-3 - HMI Engineering Station - Fire & Gas System - Marshaling Cabinet 24 Single Wellhead Control Panel, Tabnak Gas Ghatering Project Customer : National Iranian Oil Company (NIOC), Iran <ul style="list-style-type: none"> - Siemens PLC Direct Operated - HMI operator control - UPS system power backup Fire Water Pump Customer : Sarawak Shell Berhad Project, Malaysia <ul style="list-style-type: none"> - Siemens PLC Direct Operated HC Transfer Pump Panel Customer : Sarawak Shell Berhad Project, Malaysia <ul style="list-style-type: none"> - Siemens PLC Direct Operated 6 Single Wellhead Control Panel , Tang E-Bijar Project Customer : National Iranian Oil Company (NIOC), Iran <ul style="list-style-type: none"> - Siemens PLC Direct Operated - HMI operator control & UPS system power backup

Duration	1998 - 2002
Position	DCS-PLC SUPERVISOR
Company	PT. Tanjungenim Lestari South Sumatra (Indonesia) 

Company Products	Pulp & Paper
Main JOB	<ul style="list-style-type: none"> - Participated in all phases of the MUSI Project in installation, check out, commissioning, and start up of DCS and PLC in a team with vendor - Configuring and implementing DCS/PLC program - Supervise DCS/PLC technician in daily basis with concern the safety first - Suggest and carry out of improvement Centum CS Yokogawa DCS, Concept 2.1 Modicon Schneider PLC, Simatic S5 and S7 Siemens PLC, and RSLogix Allen Bradley - Consider the target of suddenly equipment trouble, and carry out the definite activities for DCS/PLC - Responsible to evaluate the skill of subordinate - Prepare the spare part and considering of schedule, quality and quantity of them - Monitor ISO 9001/14001 Implementation based on company objective / Goal

Duration	1998 (April to October)
Position	DCS SPECIALIST
Company	PT Flora Sawita Chemindo North Sumatera (Indonesia) 
Company Products	Oil Chemical & Glycerin
Main JOB	<ul style="list-style-type: none"> - Responsible for DigiTool & DigiVis Freelance 2000 Automation Hartmann & Braun system - Added Instrument & Electrical Loop Control with modification and configuration software - Implemented training course about DCS System for technician and Supervisor Level - Authorized keep plant normal running with trouble shooting and solving problem

Duration	1995 – 1998
Position	DCS SUPERVISOR
Company	PT Kiani Kertas East Kalimantan (Indonesia) 
Company Products	Pulp & Paper
Main JOB	<ul style="list-style-type: none"> - Participated in all of the Kiani Project in installation, loop check, commissioning of the DCS system in Vancouver, British Columbia-Canada - Loop Checked, Commissioning and Start-Up on Kiani Project, at PT Kiani Kertas East Kalimantan - Authorized DCS Modification process control interlocking - Supervised DCS technician to keep plant normal running

Duration	1992 - 1995
Position	DCS TECHNICIAN
Company	PT Inti Indorayon Utama. North Sumatera (Indonesia) 

Company Products	Pulp & Paper
Main JOB	<ul style="list-style-type: none"> - Installed DCS Hardware for Rayon Project - As a DCS Shift Technician keep Plant Normal Running with trouble shooting and solving problem

EDUCATION

Polytechnic University of North Sumatra	Diploma Electronic Industries
STIKes Ibnu Sina Batam	Bachelor Degree Occupational Health Safety

Language

English and Bahasa Indonesia

Courses & Training

<u>No</u>	<u>Training Description</u>	<u>Conducted By</u>	<u>Location</u>
A. ENGINEERING			
1	Competency in Explosive Atmosphere (CompEX) <i>Certificate No. 58143</i>	Applus Velosi	Singapore
2	Electrical & Instrumentation Inspector (Certificate of Competency) <i>No.Reg. IMG.074 001413 2016</i>	Professional Certification Body of Oil and Gas (LSP-Migas)	Jakarta
3	Electrical & Instrumentation Inspector <i>No: OTI.EI-XL.06.16.812</i>	Offshore Technology Institute	Batam
4	Safety Integrity Level Master Class, By EDWARD M. MARSZAL, PE	Kenexis	Kuala Lumpur
5	APACS Quadlog Control system	Siemens PTE Ltd Singapore	Singapore
6	Infi90 SODG Graphic Training Program	Elsag Bailey inc	Burlington, CANADA
7	Infi90 Database Configuration Training Program	Elsag Bailey inc	Burlington, CANADA
8	LAN90 Process Control View 5.1A Operator Interface Station (OIS12) Training Program	Elsag Bailey inc	Burlington, CANADA
9	Digitool Software & DigiVis Graphic Freelance2000 Automation	Hartmann & Braun	Medan, North Sumatera
10	MODICON H121 Quantum Maintenance	Schneider Group	South Sumatera
11	MODICON P422 Concept Programming	Schneider Group	South Sumatera
12	Centum CS Maintenance plus	Yokogawa Electric Corporation	Jakarta
13	Centum CS Engineering	Yokogawa Electric Corporation	South Sumatera

14	SIMATIC S-5, Application & Trouble Shooting Course	Siemens Indonesia	Jakarta
15	SIMATIC S-7, Application & Trouble Shooting Course	Siemens Indonesia	Jakarta
16	RS Logix Programming	Allen Bradley Vendor	South Sumatera

B. HEALTH SAFETY & ENVIRONMENT

1	IOSH Managing Safely	KBA Training Centre Pte,Ltd	Batam
2	Ahli Kesehatan dan Keselamatan Kerja (AK3U)	PT Katindo Megah Utama	Batam
3	SMK3 Concept and Implementation	PERA Neville Clarke	Batam
4	Hazard Identification, Risk Assessment and Determine Control (HIRADC)	Surveyor Indonesia	Batam
5	SMK 3 (Seminar Optimalisasi Pembinaan dan Pengawasan SMK 3 melalui implementasi PP No 50 Thn 2012	Exaudi	Batam
6	Quality Management System	TUV Body certification	Batam
7	Management Representative (QHSE Management System)	Indolatih	Jakarta
8	Environmental Management System ISO 14001	Proserv	Batam
9	Integrated Management System (IMS) Internal Auditor	Proserv	Batam
10	Safety Officer /Advisor Training	Oil and Gas Academy	Batam
11	Basic Offshore Safety Induction & Emergency Training and Travel Safely by Boat (Valid Until Sept. 16 2018)	An OPITO Approved	Batam
12	Basic Offshore Safety And Emergency Training (BOSET)	CONSIST Training Centre	Malaysia
13	Basic Offshore Safety Induction And Emergency Training (Include HUET)	MSTS ASIA SDN BHD	Malaysia
14	Travel Safety by Boat	MSTS ASIA SDN BHD	Malaysia
15	H2S Awareness and Escape	NTI Training Center	Oman

C. ADMINISTRATION

1	Trainer Training Program	Claymore Inc. Canada	East Kalimantan
2	Human Resources Development Program	Indolatih	Jakarta
3	Finance for non-financial course	MDT International Ltd	Batam
4	Enterprise Resources Planning (ERP)	Proserv	Dubai
5	Payroll Administration System	HRD Forum	Jakarta
6	Contract Awareness Training	Proserv	Batam
7	Interpersonal Communication Skills Training	CTC- Indonesia	Batam
8	Lean Basic Training	Proserv	Batam
9	SIX SIGMA Seminar	Neville Clark	Batam