

Engr. Eldric I. Santos

Mechanical Engineer (Reg. Nr. 0062118)

Professional Mechanical Engineer (Reg. Nr. 0005404)

Master Plumber (Reg. Nr. 0011258)

ASEAN Engineer (AE 7968)

ASEAN Chartered Professional Engineer (ACPE-03096/PH)

APEC Engineer (ME0092-19)

Saudi Council of Engineers (573373)



🏠 7309 Tramo Street, San Dionisio, Parañaque City, Philippines, 1700

📞 +639294855660 📧 eldricsantos0430

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Professional Objective:

19 years of progressive global experience in the Manufacturing, Construction, Agri-nutrients, Specialties, Oil & Gas, Petrochemical and IT master data governance under industry 4.0. Continuously seeking exciting and challenging leadership position as an international chartered Professional Mechanical Engineer to achieve firm strategic and tactical business objectives by leveraging excellent value capabilities. Pragmatic, result oriented, client focused, dependable and reliable in cross-functional collaboration with senior management, teams, clients, suppliers and key decision-makers by delivering cost-effective processes, procedures, safety protocols and consistent timelines are met and well versed in FEED, EPC, project lifecycle, operations management, HSE management, property and facilities asset management.

Job Experience:

2022 – 2022 OCTAL-AlpekPolyester Riyadh, Saudi Arabia
(ISO9001/BRC/IoP)

Business Portfolio: International company that engages large-volume production of recycled Polyethylene Terephthalate (rPET) sheet and thermoformed plastics.

Facilities and Maintenance Manager

Job Descriptions:

- Overseeing 8 maintenance personnel's daily duties, including training of permanent and contracted employees, conducting personnel performance evaluations SLA/KPI, and recommending/technically approving cost-effective acquisition of materials, supplies, equipment, and contracts.
- Preparation, development, approval, implementation and monitoring of Facilities/Maintenance Department's policies, objectives, procedures, monthly/annual budgets and long-term planning.
- Conduct safety tool box talk, risk assessment, HAZOP and coordinate to HSE officers to promote safe and efficient work practices which are conducive to delivering a high-quality product in a safe working environment and complying with relevant local laws.

Company Contribution:

- Create, develop, implement and transact preventive maintenance programs, and safety inspections utilizing CMMS which analyze trends thereby recognizing KAIZEN/6Sigma improvement opportunities in optimizing reliability and asset integrity that yielded +5% OEE and saves 7% operational costs thru audits.

2018 – 2022 Saudi Basic Industries Corporation Jubail, Saudi Arabia
(ISO9001/14001/OHSAS 18001)

Business Portfolio: International company that engages in diverse business of Petrochemicals, Specialties, Agri-Nutrients, and Metals.

Project Manager – Global Material Management and Standardization

Job Descriptions:

- Directly supervise the daily operations of material engineers/cataloguers personnel including training of permanent or contracted workers, and conduct personnel performance evaluation under the scope of MRO and mega projects.
- Preparation, development, approval, implementation and monitoring of SABIC Global Material Management Standards, strategic objectives, procedures, KPIs and long-term planning.

- Interface with the higher management, global focal points and other departments to keep them informed of all mission-related requirements, progress, implementation and to receive directives as needed.

Company Contribution:

- Designed, developed and implemented automated digitalization based SABIC Global Business Intelligence Reports, Analytics and real-time MM/S Dashboard.

2009 – 2017 OCTAL Petrochemicals FZC Salalah, Sultanate of Oman
(ISO9001/14001/OHSAS 18001/BRC IoP)

Business Portfolio: International petrochemical company that engages mass production and recycling of Polyethylene Terephthalate in resin, sheet and thermoformed plastics.

Deputy Maintenance Manager - Sheetline and Thermoforming Business Units

Mechanical Engineer – Project Planning, Execution, Implementation and Monitoring

Certified Internal Auditor for ISO14001/BRC IoP standards

Job Descriptions:

- Directly supervise the daily activities of engineers and maintenance personnel including training of permanent and contracted workers, conduct personnel performance evaluation and recommends/technically approved purchase of materials, supplies and equipments.
- Preparation, development, approval, implementation and monitoring of Engineering/Maintenance Department's ISO/BRC IoP policies, objectives, procedures, monthly/annual budgets and long-term planning.
- Develop and maintain prioritized listing of engineering projects to be accomplished by engineers, maintenance technicians and contractors.
- Conduct safety tool box talk and coordinate to HSE officers to promote safe and efficient work practices which are conducive to producing a high Quality product in a safe working environment.
- Supervise, train's expatriate/Omani, execute and transact preventative, condition-based monitoring and corrective maintenance thru ERP using SAP for all plant equipment and machinery.
- Interface daily with the higher management and other departments to keep them informed of all mission-related requirements, progress, implementation and to receive directives as needed.
- Perform site survey, design, supervision of installation, testing, commissioning, operation, punchlisting, project turnover, troubleshooting, maintenance and engineering modification of newly procured plant equipment and machinery based on ISO, API, ASME, and IPC standard.

2008 – 2009 OCTAL Petrochemicals FZC Salalah, Sultanate of Oman
(ISO9001/14001/OHSAS 18001/BRC IoP)

Business Portfolio: International petrochemical company that engages mass production of Polyethylene Terephthalate in resin and sheet plastics.

Production Shift Supervisor

Job Descriptions:

- Oversees the scheduling of production equipments, machine operators and contracted laborers.
- Facilitates the production process by actively participating in Ops meetings and on-going coordination with warehouse, logistics and planning department.
- Delegates production responsibilities to appropriate lead machine operators to facilitate effective and efficient use of production resources.
- Provides on-going evaluation of production policy, facilities and equipment utilization.
- Liaise with quality department and inspects first-pass products to verify conformance to specifications and directs setup and adjustments of machines as needed.
- Preparation, development, implementation and monitoring of Production Department's ISO/BRC IoP policies, objectives, procedures, monthly/annual budgets and long-term planning.

Company Contribution:

- Acted as owner representative mechanical engineer/inspector during erection phase of OCTAL Sapphire 1 and 2 polyester complex in Salalah, Sultanate of Oman.
- Acted as owner consultant mechanical engineer during planning phase of OCTAL KSA manufacturing plant in Riyadh, Kingdom of Saudi Arabia.
- Implement strategic activity which yielded utility savings of 85K USD per month through energy audit and optimized usage of plant equipments and facilities.
- Cost optimization and improved lead time of procured plant equipment parts by liaising directly to Original Equipment Manufacturer and local supplier.
- Reduced spare parts inventory by 25% through FMEA and spearheaded establishment of Spare Parts Section and its standardized procedure.
- Reduced direct material spillage by 5% through upgraded automatic conveying system, optimized machine parameter settings and promoted recycling procedures and initiatives.
- Migrated ISO 9001/14001 documentation thru SAP.

2006 — 2008 Remax International Incorporated Pasig City, Philippines
Business Portfolio: Supply, design, installation and after sales support for facilities support system, access control, and time attendance.

Product Support Engineer

Job Descriptions:

- Perform site survey, design, supervision of installation, testing, commissioning, operation, punchlisting, project turnover, troubleshooting, maintenance and engineering modification of Precision and Centralized Comfort Air Conditioning Systems based on PME, Building, Fire and Plumbing codes of the Philippines.
- Perform site survey, design, troubleshooting and installation of large scale Uninterruptible Power Supply systems.
- Provide client technical consultation and 24x7 on-site/phone technical support.
- Coordinate to supervisor for daily scheduled activity or any task requested by customers within or beyond office hours.
- Preside technical meeting for any engineering change notice.
- Coordinate to private and regulating government bodies upon completion of project.

Company Contribution:

- Added yearly revenue of 54,545USD
- Established and documented standardized procedures for preventive maintenance of Precision Air Conditioning Units.
- Trained and established PACU Team
- Spearheaded the training and establishment of AutoCAD Team for project design.
- Imparted 5S and KAIZEN concepts to top management.
- Acted as part-time consultant and facilitate outlining of company's procedure toward ISO9001:2000 accreditation.

2006 — 2006 Borja Construction Coordinates Makati City, Philippines
 and Allied Services Incorporated

Business Portfolio: Building contractor and consultation

Freelance – Quantity Surveyor

Job Descriptions:

- Performed measurement and recording of ducting dimensions for a large-scale project.

2003 — 2006 Shimadzu Philippines Manufac- Rosario EPZA, Philippines
 turing Inc. (ISO9001/14001)

Business Portfolio: International SEMICON company that manufactures high precision analytical electronic balances and printed circuit board assemblies for medical and analytical equipments.

Production Engineer (Weighing Instrument Department)

Information Technology Staff

Energy Committee Staff

Job Descriptions:

- Performs production planning and resource leveling.
- Coordinate and feedback to managers for daily scheduled activities pertaining to production quantity and quality.
- Review results, prepare manuals and meeting with managers to discuss methods of improving the productivity and quality of existing systems.
- Investigate operational and quality problems affecting production.
- Supervise trains and conduct performance evaluation of trainee engineers, production team leaders and production operators.
- Prepare, revise and implement ISO documentations and procedures.
- Liaising with other departments and overseas designers.
- Attends and report monthly, production, quality and Engineering Change Notice meetings.
- Plan and execute machine maintenance schedules.
- Monitor and evaluate new or substitute mechanical parts.
- Acts as support engineer for other sections of the department.
- Visit other production sites.
- Supervise and coordinate to IMPEX during loading of shipments.
- Update and monitor OS, antivirus version and network connectivity of computers.
- Assemble, install software and troubleshoot desktop PC's.
- Gather data, review results and coordinate with Energy Committee to discuss methods of improving energy utilization of existing facilities.
- Investigate workplace hazards.
- Establishing and implementing a quality culture within the manufacturing environment.

Company Contributions:

- Increased production efficiency by 300% thru 5's and KAIZEN activity.
- Decreased production line inventory by 75% thru 5's and KAIZEN activity.
- Decreased parts rejection by 25% thru 5's and KAIZEN activity.
- Supervise implementation of barcode technology that increased Packaging Section's pallet arrangement accuracy to 100% and decreased cycle time by 20 minutes.

Education

MASTER OF SCIENCE IN ENGINEERING MANAGEMENT

MAPÚA INSTITUTE OF TECHNOLOGY

Intramuros, Philippines

SCHOOL OF GRADUATE STUDIES

- Concentration on Quality Management System and Operations Management
- Consistent Dean's Lister
- Self financed 100% of education

MASTER OF ENGINEERING, MECHANICAL ENGINEERING, May 2008

MAPÚA INSTITUTE OF TECHNOLOGY

Intramuros, Philippines

SCHOOL OF GRADUATE STUDIES

- Concentration on Heating, Ventilating, Air Conditioning and Refrigeration
- Practicum Paper: Achieving Higher-quality Output in Decorating Glass Containers Through Servomotor and Single-direction Print Application
- Consistent Dean's Lister
- Self financed 100% of education

BACHELOR OF SCIENCE MECHANICAL ENGINEERING, January 2003

MAPÚA INSTITUTE OF TECHNOLOGY

Intramuros, Philippines

SCHOOL OF MECHANICAL ENGINEERING

Organizations:

American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)

Philippine Chapter – Member 92752282

Philippine Society Of Mechanical Engineers (PSME)

Manila Chapter – Member 94615

Filipino Community Salalah (FILCOM)
Member

National Association of Mapúa Alumni(NAMA)
Member 2008-0812-0798

Trainings and Seminars:

<p>4th Philippine Engineering Summit (PhES.4) and ASEAN Engineers Conferment</p> <p>Philippine Technological Council</p> <p>Century Park Hotel, Manila, Philippines</p> <p>March 7 – 8, 2018</p>	<p>Fire Protection Engineering</p> <p>Philippine Society of Mechanical Engineers</p> <p>Polytechnic University of the Philippines, Lower Bicutan, Taguig City, Philippines</p> <p>March 4, 2018</p>	<p>How to Prepare Complete Plumbing Plan and Documentation</p> <p>MEPFS Engineers</p> <p>MEPFS Training Center, 3rd Floor 160 LL Building., EDSA Cor. Panay Ave., Quezon City, Philippines</p> <p>February 25, 2018</p>
<p>65th Philippine Society of Mechanical Engineers National Convention</p> <p>Philippine Society of Mechanical Engineers</p> <p>SMX Convention Center, Pasay City, Philippines</p> <p>October 18-21, 2017</p>	<p>2017 Seminar on the Application and Registration of Advanced Level Engineers</p> <p>Philippine Technological Council</p> <p>Philippine Trade Training Center, Pasay City, Philippines</p> <p>August 17, 2017</p>	<p>Training on Operations and Maintenance of PFV 250/20 Plast Agglomerator</p> <p>Pallmann Maschinenfabrik GmbH & Co. KG</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>February 14, 2017</p>
<p>Training on Condition Monitoring of SKF Reliability Equipments</p> <p>General Engineering Services Est.</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>August 15, 2016</p>	<p>Introduction to Bearing Installation and Maintenance</p> <p>Samir Odeh Group</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>July 18, 2016</p>	<p>Training on SAP ERP 6.0 Module for Maintenance Business Process</p> <p>OCTAL SAOC</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>May 10 to 12, 2016</p>
<p>Training on SAP ERP 6.0 Master Data Creation</p> <p>OCTAL SAOC FZC</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>May 3 to 6, 2016</p>	<p>Training on Operations and Maintenance of 500-120KURF RAPID Granulator</p> <p>Rapid Granulator AB</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>March 10, 2016</p>	<p>Training on Operations and Maintenance of SHR 43162 RAPID Granumatic WIDE</p> <p>Rapid Granulator AB</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>March 9, 2016</p>
<p>Training on Operations and Maintenance of AOM IX-100/35//MF1 Flat Die</p> <p>Constructiewerkhuizen G. Verbruggen nv</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>February 25, 2015</p>	<p>Training on Operations and Maintenance of LA 900 and LA 80 MOTAN Drier</p> <p>MOTAN Colortronic</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>February 15, 2015</p>	<p>Training on Operations and Maintenance of 8FD Diesel TOYOTA Forklift</p> <p>Saud Bahwan Group</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>September 4, 2014</p>
<p>Training on Operations and Maintenance of 7FB Electric TOYOTA Forklift</p> <p>Saud Bahwan Group</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>September 3, 2014</p>	<p>Training on Operations and Maintenance of FD Series ATLAS COPCO Air Drier</p> <p>Bin Salim Enterprises LLC</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>August 14, 2014</p>	<p>Training on Operations and Maintenance of GA Series ATLAS COPCO Air Compressor</p> <p>Bin Salim Enterprises LLC</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>August 13, 2014</p>
<p>Training on Operations and Maintenance of FCS 780EHP Thermoforming Machine</p> <p>WM Wrapping Machinery SA</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>May 23, 2014</p>	<p>Training on Operations and Maintenance of Dunham Bush Chiller WCFX46TR</p> <p>Uhde Inventa-Fischer</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>May 7, 2014</p>	<p>Training on Operations and Maintenance of SAPPHIRE S2 Slitter/Rewinder</p> <p>ASHE CONTROLS Pvt. Ltd.</p> <p>OCTAL SAOC FZC Salalah, Sultanate of Oman</p> <p>April 20, 2014</p>
<p>Training on Operations and Maintenance of TOW2(DS)190 PN CORONA TREATER</p>	<p>Write Shop Seminar for ASEAN and APEC Engineer Register Application</p>	<p>Professional Development Course</p>

Vetaphone A/S	Philippine Technological Council	Philippine Society of Mechanical Engineers
OCTAL SAOC FZC Salalah, Sultanate of Oman	National Engineering Council Auditorium, UP Diliman, Quezon City, Philippines	Philippine Columbian Association Plaza Dilao, Paco Manila, Philippines
Mar. 17, 2014	January 14, 2014	December 13 to 14, 2013
Training on Operations and Maintenance of FCS 750 Thermoforming Machine	Internal Hygiene Auditor Training	ISO14001:2004 Internal Auditor Course
WM Wrapping Machinery SA	Effective Control Limited	Intertek International Ltd.
OCTAL SAOC FZC Salalah, Sultanate of Oman	Octal Petrochemicals FZC – Sapphire Plant, Salalah, Sultanate of Oman	Octal Petrochemicals FZC – Sapphire Plant, Salalah, Sultanate of Oman
April 16, 2012	January 25 to 26, 2012	October 19, 2010
Training on Operations and Maintenance of VAC 2018TF VACUREMA Extrusion Line	Risk Based Inspection Training	Statistical Process Control and Risk Based Decision Making
Engineering Recycling Maschinen und Anlagen Ges.m.b.H.	Marcus Evans Professional Training	Marcus Evans Professional Training
Octal Petrochemicals FZC – Sapphire Plant, Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman
June 5 to 6, 2010	May 27 to 28, 2010	February 2 to 4, 2010
Supervisory Skills Training	Basic Food Packaging Hygiene	Training on Operations and Maintenance of D-SWE- 200/AV Hydraulic Screen Changer
Marcus Evans Professional Training	Effective Control Limited	KREYENBORG GmbH
OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman
October 13 to 14, 2009	April 7, 2009	February 9, 2009
Training on Operations and Maintenance of G/1800/70 Extrusion Line	Training on Operations and Maintenance of Munters Regenerative Drier MX 3700	Training on Operations and Maintenance of MCQuay Chiller IOMM WSCWDC-3
SML Maschinengesellschaft mbH	Uhde Inventa-Fischer	Uhde Inventa-Fischer
OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman
February 6 to 7, 2009	January 15, 2009	January 10, 2009
Training on Operations and Maintenance of RTS Automatic Fast Action Door	Training on Operations and Maintenance of 3590KURF RAPID Granulator	Training on Operations and Maintenance of 2500/3600/3050 Air Handling Unit
Seuster KG	Rapid Granulator AB	LTG AEROB Systems GmbH & Co. KG
OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman
January 7 to 8, 2009	December 10, 2008	December 6, 2008
Training on Operations and Maintenance of 2500/3800/4250 Air Handling Unit	Initial Fire Response	Basic Life Support
LTG AEROB Systems GmbH & Co. KG	Technical & Administrative Training Institute LLC	Technical & Administrative Training Institute LLC
OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman	OCTAL SAOC FZC Salalah, Sultanate of Oman
December 5, 2008	December 4, 2008	December 1 to 3, 2008
Training on Operations and Maintenance of LA 1200 and LA 2400 MOTAN Drier	Training on Operations and Maintenance of INDICON ONE S-03 BETA CONTROL	Training on Operations and Maintenance of GM/150/1800/70 Extrusion Line

MOTAN mBH
OCTAL SAOC FZC Salalah,
Sultanate of Oman
November 27, 2008

**Computer-aided Heating,
Ventilating and Air
Conditioning System**

CRESCENT Technologies
889 P. Paredes St., Sampaloc
Manila, Philippines
August 26 to September 10, 2007

KAIZEN Supervisory

ISUZU Techno Co., Ltd

FCIE Building Administration,
FCIE Cavite, Philippines

October 5-12, 2005

betacontrol GmbH & Co. KG
OCTAL SAOC FZC Salalah,
Sultanate of Oman
November 26, 2008

**AutoCAD 2006 for Professional
1 and 2**

CRESCENT Technologies
889 P. Paredes St., Sampaloc
Manila, Philippines
March 19 to May 14, 2006

Work Values Enhancement

Management System Consulting,
Inc.

5th Floor Unit D, Westgate
Tower, Investment Drive Madrigal
Business Park, Philippines

May 28, 2005

SML Maschinengesellschaft mbH
OCTAL SAOC FZC Salalah,
Sultanate of Oman
November 25, 2008

ISO 14001:2004 Awareness

TÜV Rheinland Philippines Ltd.
Lot 15, Block 15, Phase 3, CEZ,
Rosario, Cavite, Philippines
January 25, 2006

Skills:

- Highly computer literate and excellent in SAP-S/4HANA, CELONIS
- Proficient in Microsoft Office Applications (2016 and 365 version)
- Knowledgeable in hardware and software installation in computers
- Knowledgeable in computer networking and troubleshooting
- Knowledgeable in using Autodesk REVIT and AutoCAD (2014, 2015 and 2016)
- Experienced in operating and troubleshooting Electro Discharge Machining
- Experienced in operating and troubleshooting of specialized plant machine such as GE, MHI, COPERION, UIF, SML, FCS, EREMA, BANDERA, MOTAN, PIOVAN, RAPID, etc.
- Knowledgeable in Project Management and MS Project
- Certified Soldering Individual (Cert. No. K0631)
- In-depth knowledge in 5'S and KAIZEN program and implementation
- In-depth knowledge in ISO 9001/14001 & BRC IoP documentation and implementation
- In-depth knowledge in mechanical electrical/civil drawing interpretation
- In-depth knowledge in process control and improvement (SPC, Kaizen and 6σ)
- Can conduct research activities on cutting-edge technologies and emerging fields of learning.
- Knowledgeable in driving electric or diesel operated fork trucks.
- Knowledgeable and licensed in driving sedan, pick-up and terminal trucks.

Character References:

Akif Hussain

Manager - Operations
OCTAL-AlpekPolyester
P O Box 69171, PC 11547, Riyadh, KSA
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email: awamimm@sabic.com

Rhoell Joseph Masayda

Manager - Quality Control
OCTAL-AlpekPolyester
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Cel.: +966550503982

Henry Duran

Production In-charge
OCTAL SAOC FZC LLC
PO Box 383, P.C. 217, Augad, Sultanate of Oman
Cel.: +96898208726; Tel.: +96823217500

Engr. Jonathan P. Fortunado, RECE

Factory Manager
Shimadzu Philippines Manufacturing Inc.
Phase 3 Lot 15, Block 15, Cavite EPZ, Rosario Cavite
Philippines
Tel. +63046 437-0431/32/33

Engr. Ireneo Caña, PME, MEP

Facilities Manager
Toshiba Information Equipment (Philippines), Inc.
103 East Main Ave. Extension, Special Export Laguna
Technopark, Binan, Laguna, Philippines
Cel.: +639175725016

I certify that information stated above is true and correct to the best of my knowledge.



Eldric I. Santos