

**JUAN SIEGFREDO H. VELASQUEZ, R.M.E.**  
**MECHANICAL ENGINEER**



■ **EDUCATION**

- BS Mechanical Engineering, 2004

■ **REGISTRATION**

- Registered Mechanical Engineer # 0065127

■ **PROFESSIONAL AFFILIATIONS**

- Philippine Society of Mechanical Engineers (PSME)

■ **AREAS OF SPECIAL COMPETENCE**

- Air-conditioning and Ventilation Design
- Fire Protection Design
- Liquefied Petroleum Gas Piping Design

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**2012 - PRESENT**

**VISION A & E (PHILIPPINES)**

■ Mechanical Consultant

- Design Mechanical facilities such as HVAC, Mechanical Ventilation, Exhaust and Supply Duct System, Chilled Water piping, LPG, fuel oil piping, A/C ducting, etc.
- Design Plumbing facilities such as Fixtures, Cold, Hot and Sewer Piping, Electric Water Heater, etc.
- Provide Design Calculations such as Cooling & Heating Load (Carrier E20), Ventilation Load, Air Balancing, Plumbing and various calculations involved in sizing the Equipment.
- Provide Quantity Take and Cost Estimate for Mechanical and Plumbing Equipment and Utilities
- Selection of equipments, materials and accessories based on computed loads and design criteria
- Coordination with architects, structural, electrical design engineers during design development.
- Site Inspection for the verification of As-built drawings and for design aid as well.
- Evaluate and resolve design queries from the Base and other involved review parties.
- Prepares technical evaluation of projects
- Supervises entire operation of company

**2009 - PRESENT**

**VVR ENGINEERING DESIGN SERVICES, PHILIPPINES (PHILIPPINES)**

■ General Manager/ Division Chief- Mechanical Dept.

- Design Mechanical facilities such as HVAC, Mechanical Ventilation, Exhaust and Supply Duct System, Chilled Water piping, LPG, fuel oil piping, A/C ducting, etc.
- Design Plumbing facilities such as Fixtures, Cold, Hot and Sewer Piping, Electric Water Heater, etc.
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- Evaluate and resolve design queries from the Base and other involved review parties.
- Prepares technical evaluation of projects
- Supervises entire operation of company

**2009 – PRESENT**

**EMPSCO (PHILIPPINES)**

■ Mechanical Consultant

- Design Mechanical facilities such as HVAC, Mechanical Ventilation, Exhaust and Supply Duct System, Chilled Water piping, LPG, fuel oil piping, A/C ducting, etc.
- Design Plumbing facilities such as Fixtures, Cold, Hot and Sewer Piping, Electric Water Heater, etc.
- Provide Design Calculations such as Cooling & Heating Load (Carrier E20), Ventilation Load, Air Balancing, Plumbing and various calculations involved in sizing the Equipment.
- Provide Quantity Take and Cost Estimate for Mechanical and Plumbing Equipment and Utilities
- Selection of equipments, materials and accessories based on computed loads and design criteria
- Coordination with architects, structural, electrical design engineers during design development.
- Site Inspection for the verification of As-built drawings and for design aid as well.
- Evaluate and resolve design queries from the Base and other involved review parties.
- Prepares technical evaluation of projects

2008 - 2009

MNE ENGINEERING AND ASSOCIATE (GUAM, USA)

■ Mechanical Consultant

- Design Mechanical facilities such as HVAC, Mechanical Ventilation, Exhaust and Supply Duct System, Chilled Water piping, LPG, fuel oil piping, A/C ducting, etc.
- Design Plumbing facilities such as Fixtures, Cold, Hot and Sewer Piping, Electric Water Heater, etc.
- Provide Design Calculations such as Cooling & Heating Load (Carrier E20), Ventilation Load, Air Balancing, Plumbing and various calculations involved in sizing the Equipment.
- Provide Quantity Take and Cost Estimate for Mechanical and Plumbing Equipment and Utilities
- Selection of equipments, materials and accessories based on computed loads and design criteria
- Coordination with architects, structural, electrical design engineers during design development.
- Site Inspection for the verification of As-built drawings and for design aid as well.
- Evaluate and resolve design queries from the Base and other involved review parties.

2007 - 2008

MEINHARDT PHILIPPINES INCORPORATED (PHILIPPINES)

■ Mechanical Engineer-IV

- Design Mechanical facilities such as HVAC, Mechanical Ventilation, Exhaust and Supply Duct System, Chilled Water piping, LPG, fuel oil piping, A/C ducting, etc.
- Provide Design Calculations such as Cooling & Heating Load (Carrier E20), Ventilation Load, Air Balancing, Plumbing and various calculations involved in sizing the Equipment.
- Selection of equipments, materials and accessories based on computed loads and design criteria
- Coordination with architects, structural, electrical design engineers during design development.
- Witness testing and commissioning during construction period as well as analyze system problem and provide Engineering solutions.
- Review and evaluate technical documents such as vendor equipment, accessories, and materials as per design and specification criteria.
- Site Inspection for the verification of As-built drawings and for design aid as well

2004 - 2007

DCCD ENGINEERING CORPORATION (PHILIPPINES)

■ Mechanical Engineer - III

- Design Mechanical facilities such as HVAC, Mechanical Ventilation, Exhaust and Supply Duct System, Chilled Water piping, LPG, fuel oil piping, A/C ducting, etc.
- Provide Design Calculations such as Cooling & Heating Load (Carrier E20), Ventilation Load, Air Balancing, Plumbing and various calculations involved in sizing the Equipment.
- Selection of equipments, materials and accessories based on computed loads and design criteria
- Coordination with architects, structural, electrical design engineers during design development.
- Witness testing and commissioning during construction period as well as analyze system problem and provide Engineering solutions.
- Review and evaluate technical documents such as vendor equipment, accessories, and materials as per design and specification criteria.
- Site Inspection for the verification of As-built drawings and for design aid as well
- Provide Bid of Quotation and Detailed Costing as per mechanical scope of work.
- Provide Quantity Take and Cost Estimate for Mechanical and Plumbing Equipment and Utilities.

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■ **INTERNATIONAL PROJECTS**

- Dallah Namar Hospital – Saudi Arabia
- Dallah South Expansion – Saudi Arabia
- Veterans Affairs Building 1 – San Francisco, California
- Veterans Affairs Building 2 – San Francisco, California
- Satwa Buildings (18 buildings) – Dubai, UAE
- Crown Sydney Tower – Sydney, Australia
- Andersen Base Building Audit and Design (164 buildings) – Guam, USA
- Procter and Gamble Plant - Beijing, China
- Coca Cola Warehouse – Barrigada, Guam
- College of Micronesia Campus – Kolonia, Pohnpei
- Majuro Hospital- Micronesia
- Warehouse B190 - Andersen Air Force Base, Guam
- Postal Service Center – Andersen Air Force Base, Guam
- Kadena Phase-8 Improve Family Housing
- Misawa Phase-3 Improve Family Housing
- Yokota Phase-6 Improve Family Housing

- Kadena Phase-7 Improve Family Housing
- Misawa Phase-2 Improve Family Housing
- Yokota Phase-5 Improve Family Housing
- Learmonth Improve Family Housing - Australia
- Metrobooks – Hong Kong, China
- Sai Van Bridge Ventilation System– Macau, China
- The Lagoons Building - Dubai, UAE
- Gold Star Building, 32 Storey Residential Building - Dubai, UAE
- Shahla Building, 38 Storey Hotel & Residential Building - Dubai, UAE
- Bin Hamoodah Tower, 41 Storey Hotel & Residential Building - Dubai, UAE
- Mahdavi-II Apartment Building, 7 Floors Residential Building - Dubai, UAE
- Mahdavi-I Apartment Building, 9 Floors Residential Building - Dubai, UAE
- Abdul Villa, 2 Storey Villa - Dubai, UAE
- Ahmed Villa, 2 Storey Villa - Dubai, UAE
- Jassim Villa, 2 Storey Villa - Dubai, UAE
- Corniche Tower – Saudi Arabia
- PNG Hospital – Papua New Guinea
- Harrington School – London, United Kingdom
- Frimley Warehouse – London, United Kingdom
- Moradia Condominium – Angola, Africa
- Unidade Hotel – Angola, Africa
- Wako Hotel – Angola, Africa
- Hotel Jan – Angola, Africa
- Khobar Hotel – Angola, Africa
- Mercado Urbano Peri Market – Angola, Africa

#### ■ **TRANSPORTATION PROJECTS**

- Iloilo International Airport – Iloilo City, Philippines
- Panglao International Airport- Bohol, Philippines
- Mactan International Airport, Expansion – Cebu, Philippines
- Marikina North Manila Water Sewage Treatment Plant – Marikina City, Philippines
- Ilugin Manila Water Sewage Treatment Plant – Pasig City
- LRT-1 Capacity Expansion A – Philippines
- LRT-1 Extension – Philippines
- MRT-3 Depot – Quezon City, Philippines
- Lufthansa A380 Hangar – Pasay, Philippines
- Lufthansa A380 Hangar – Cebu, Philippines
- Lufthansa Warehouse – Pasay, Philippines
- Royal Star Hangar – Pasay, Philippines
- Balabac and Honda Bay Fuel Points – Palawan, Philippines

#### ■ **HOSPITAL PROJECTS**

- Metro Bacolod Hospital – Negros Occidental, Philippines
- St. Luke’s Hospital – Taguig, Philippines
- St. Luke’s Cancer Institute – Quezon City, Philippines
- Tarlac Provincial Hospital – Tarlac, Philippines
- Tarlac Medical Center – Tarlac, Philippines
- Metro Iloilo Hospital – Iloilo, Philippines
- Medical Center Parañaque - Parañaque
- Diliman Doctor’s Hospital – Quezon City, Philippines
- Palayan City Hospital – Nueva Ecija
- Bethany Hospital – Camarines Sur, Philippines
- Philippine Bobbin Corporation – Cavite, Philippines
- Divine Grace Medical Center – Cavite

#### ■ **INDUSTRIAL PROJECTS**

- Unilever Philippines – Manila City, Philippines
- S.C. Johnsons Building – Makati, Philippines
- PCC Milk Processing Plant – Muñoz, Nueva Ecija
- PCC Biotech Plant - Muñoz, Nueva Ecija
- PCC Auditorium - Muñoz, Nueva Ecija
- Bayer Crop Science Plant – Laguna, Philippines
- H.B. Fuller Plant – Laguna, Philippines
- Tarlac Crushing Plant – Tarlac, Philippines
- C & S Apparel Manufacturing – Bulacan, Philippines
- AVI Manufacturing – Bulacan, Philippines
- Limkaco Warehouse – Cavite, Philippines

#### ■ **SEWAGE TREATMENT PLANT PROJECTS**

- Marikina North Manila Water Sewage Treatment Plant – Marikina City, Philippines
- Ilugin Manila Water Sewage Treatment Plant – Pasig City

#### ■ **EDUCATIONAL INSTITUTION PROJECTS**

- Manila Adventist College Building – Pasay City, Philippines
- Arete Building – Quezon City, Philippines
- Latter Day Saints Building – Quezon City, Philippines
- Latter Day Saints Building – Cebu, Philippines
- Magsaysay Institute of Shipping – Cavite, Philippines
- University of the East Ramon Magsaysay Memorial Medical Center - Manila, Philippines
- Ateneo Dormitory – Quezon City, Philippines
- Rosario College – Cavite, Philippines
- University of the Philippines Cebu Library – Cebu, Philippines

#### ■ **COMMERCIAL COMPLEX, MALL AND RETAIL AREA PROJECTS**

- Trinoma – Quezon City Philippines
- Greenbelt 5 – Makati, Philippines
- Bacolod Mall – Bacolod City, Philippines
- Bonifacio High Street – Taguig, Philippines
- Rockwell Power Plant Mall Renovation – Makati, Philippines
- Palawan Commercial Complex – Palawan, Philippines
- D-Strip Commercial Complex – Pasig City, Philippines
- El Nido Commercial Complex – Palawan, Philippines
- Sta. Rosa Commercial Complex – Laguna, Philippines
- ETON Retail Strip – Laguna, Philippines
- 8 Spatial Building – Muntinlupa, Philippines
- Nasugbu Mall – Batangas, Philippines
- Urban Generations 2 – Laguna, Philippines
- Urban Generations 3 – Batangas, Philippines
- Legazpi Commercial Building – Albay, Philippines
- Primark Binmaley Mall –Pangasinan, Philippines
- Primark Tuguegarao Mall - Tuguegarao, Philippines
- Primark Macabebe – Pampanga, Philippines
- Savemore Muzon – Bulacan, Philippines
- Savemore General Trias – Cavite, Philippines
- Savemore Pozzirutbio – Cavite, Philippines
- Glorietta 4 Chilled Water System Renovation – Makati, Philippines
- Shopwise Lancaster -

#### ■ **HOTEL PROJECTS**

- Dusit Thani Hotel Renovation (EDSA and Ayala Wing) – Makati, Philippines
- Marco Polo – Davao Hotel Renovation – Davao City, Philippines
- Sofitel Hotel Renovation – Manila, Philippines
- Shangri-La Hotel Renovation – Makati, Philippines
- Manila Peninsula Hotel Renovation – Makati, Philippines
- The Discovery Shores – Boracay
- The Discover Shores El Nido – Palawan
- Pulsar Hotel – Cagayan, Philippines
- Kingston Hotel – Nueva Ecija, Philippines
- Timberland – Quezon City, Philippines
- Filipiniana Tower – Cavite, Philippines
- Shangri-la Mactan AC Renovation – Cebu, Philippines

#### ■ **OFFICE BUILDING PROJECTS**

- HSBC HDPP Building – Quezon City Philippines
- BMW Building – Muntinlupa City, Philippines
- AMA Building – Mandaluyong, Philippines
- Cubes Building - Makati City
- Lexmark Building – Cebu, Philippines
- Astrovision Building – San Juan, Philippines
- William Tan Building – Makati, Philippines
- Bureau of Agriculture and Fisheries Product Standards Building – Quezon City, Philippines
- Latter Day Saints Administration Building – Quezon City, Philippines
- ASEANA IOC – Pasay City, Philippines
- Magnitude Building – Quezon City

#### ■ **SITE DEVELOPMENT PROJECTS**

- Green Canyon Leisure Farms – Zambales, Philippines

## ■ **RESIDENTIAL BUILDING (CONDOMINIUM, APARTMENTS & TOWNHOUSE) PROJECTS**

- F1 City Center Building – Taguig, Philippines
- Andrea North Skyline Building – Quezon City, Philippines
- Serendra 4 Building – Taguig, Philippines
- Prince Condominium – Iloilo, Philippines
- La Loma Apartments – Quezon City, Philippines
- Diaz Apartments – Makati City, Philippines
- Neptune Townhouse – Quezon City, Philippines
- McKinley Hill Residences – Taguig, Philippines
- Rallos 101 Townhouse – Quezon City, Philippines
- Five-Retiro Street Office and Residential Building – Makati City, Philippines
- UPSPi Multi-level Storey Building – Parañaque City, Philippines
- ETON Roces 68 Housing, Clubhouse and Shophouse – Quezon City, Philippines
- Westgrove Residential Units – Makati, Philippines

## ■ **CAR DEALERSHIP PROJECTS**

- Volkswagen Dealership The Fort – Taguig, Philippines
- Volkswagen Dealership Cebu– Cebu, Philippines
- Volkswagen Dealership Sheridan – Mandaluyong, Philippines
- Honda Dealership – Parañaque, Philippines
- Toyota Marikina – Marikina, Philippines

## ■ **OFFICE FIT-OUT PROJECTS**

- Union Bank 19<sup>th</sup> Floor Data Center - Pasig, Philippines
- Deutsche Bank Office Fit-out, Ayala Triangle - Makati, Philippines
- Food Asia Office Fit-out , Uni-Oil Building, Muntinlupa, Philippines
- Tyco Electronics Office Fit-out, Robinsons Tower - Makati, Philippines
- La Farge Office Fit-out, Salcedo Tower - Makati, Philippines
- MGH Office Fit-out, Eco Plaza Building - Taguig, Philippines
- Integreon Office Fit-out, 6750 Building - Makati, Philippines
- TTRC Office 25th Floor, One Corporate Center - Pasig, Philippines
- Asia Weinert – Makati, Philippines
- Citibank Office Fit-out – Quezon City, Philippines

## ■ **RESTAURANT, RETAIL AND ESTABLISHMENTS PROJECTS**

- McDonalds Bacolod
- McDonalds BF Ruins
- McDonalds Carmen, Pangasinan
- McDonalds Gov. Forbes
- McDonalds Lyceum
- McDonalds Makati Cinema Square
- McDonalds Matalino Street
- McDonalds Molino
- McDonalds Nueno
- McDonalds Petron SLEX
- McDonalds Quezon Ave.
- McDonalds Regalado
- McDonalds Southmall
- McDonalds Sto. Tomas, Batangas
- McDonalds Subic
- McDonalds Sumulong
- McDonalds Super 8 Ortigas, Pasig City
- McDonalds Unciano
- McDonalds Valley Golf
- McDonalds Victory Mall
- Max's Forbestown
- Max's Trinoma
- Max's Gerona Tarlac
- Max's Roxas Boulevard
- Max's Seaside
- Burger King SM Marikina
- Burger King Robinson's Ermita
- Burger King Makati Medical Center
- Burger King Dasmariñas, Cavite
- Burger King SM Mall of Asia
- Burger King E. Rodriguez
- Burger King Glorietta
- Burger King SM North Edsa

- Burger King Trinoma
- Burger King SM Pampanga
- Burger King SM Fairview
- Burger King Gateway Mall
- Burger King Quezon Ave.
- Burger King SM Manila
- Burger King Marcos Highway
- Burger King Robinson's Galleria
- Krispy Kreme Ayala IT Park
- Krispy Kreme Ayala Center Cebu
- Krispy Kreme Festival Mall
- Krispy Kreme RCBC Plaza
- Krispy Kreme SM Clark
- Krispy Kreme Nuvali
- Bar B King SM Makati
- Bar B King SM Megamall
- Bibingkinitan SM Makati
- Bibingkinitan El Molito Commercial Complex
- Tutti Frutti Blue Wave
- Tutti Frutti ETON Centris
- Tutti Frutti Damosa
- Tutti Frutti Fastbytes
- Tutti Frutti Glorietta 4
- Tutti Frutti SM Davao
- Tutti Frutti SM Masinag
- Tutti Frutti SM Pasig
- Tutti Frutti SM San Lazaro
- Tutti Frutti SM Sta. Mesa
- Red Mango Katipunan
- Red Mango Trinoma
- Paris Delice
- Grolier Robinson's Galleria
- Grolier SM Batangas
- Grolier SM Fairview
- Grolier SM Megamall
- Grolier SM North
- Jamba Juice Bonifacio High Street
- BPI ADB
- BPI Shaw Boulevard
- BPI Hemady
- BPI 30<sup>th</sup> Building
- BPI Annapolis
- BPI Greenhills
- BPI Laoag
- BPI Mandaluyong
- BPI Sapphire
- BPI Shangrila
- BPI W Tower
- BDO Anonas
- BDO Del Monte
- Chinabank Five ECOM
- Chinabank JP Rizal
- Chinabank Maceda
- Chinabank SM Cebu
- Chinabank Comembo
- Chinabank Circulo Verde
- Chinabank Regalado
- Chinabank Aeon
- 8 Cuts SM MOA
- 8 Cuts ATC
- 8 Cuts Greenbelt
- 8 Cuts Eastwood
- 8 Cuts Promenade
- 8 Cuts Serendra




 Republic of the Philippines  
**PROFESSIONAL REGULATION COMMISSION**  
 Manila

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**PROFESSIONAL IDENTIFICATION CARD**

LAST NAME ▶ **VELASQUEZ**  
 FIRST NAME ▶ **JUAN SIEGFREDO**  
 MIDDLE INITIAL/NAME ▶ **HAEL**  
 REGISTRATION NO. ▶ **0065127**  
 REGISTRATION DATE ▶ **4/28/2005**  
 VALID UNTIL ▶ **4/5/2018**

**MECHANICAL ENGINEER**

 4/5/1983  
 2/26/2015

Professional Regulation Commission  
 P. Paredes St., corner N. Reyes St., Sampaloc, Manila  
 www.prc.gov.ph Hotline Number: 735-1535

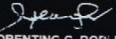
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**CERTIFICATION**

This is to certify that the person whose name, photograph, and signature appear herein is a duly registered professional, legally authorized to practice his/her profession with all the rights and privileges appurtenant thereto.

This is to certify further that he/she is a professional in good standing and that his/her certificate of registration/professional license has not been suspended, revoked, or withdrawn.

Signature of Professional

  
**FLORENTINO C. DOBLE**  
 CHIEF PATROL