## CURRICULUM VITAE

OF

# ERNANI L. SALES JR.

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#### **JOB OBJECTIVE**

To obtain a suitable position in a challenging environment providing opportunities for professional growth and advancement where I can utilize my education, work experience and acquired skills as my major contribution to the organization.

## **WORK EXPERIENCE**



#### **BAHRAIN PETROLEUM COMPANY**

Job Title: Land surveyor Period: 26 August 2017 to date

# Plant Engineering Department - Technical Support

#### Duties & Responsibilities

- Provide land surveying and related support services to engineering and maintenance projects, directly or through contractors for engineering construction and/or other purposes as per company policy, international standards and recognized industry best practices.
- Verify accuracy of survey data, including measurements and calculations conducted at survey sites by the contractor.
- Determine coordinates of important features and boundaries in survey areas, using total station, levels and satellite-based global positioning systems (GPS).
- Arrange purchase order/budget for projects or tasks assigned to designated contractors including timeframes and deadlines of same.
- Conduct site visits with requesting Project Engineer together with the approved contractors to determine scope and financial allocations for the proposed survey works/projects.
- Conduct impromptu site visits to verify accuracy of contractors' works including but not limited to control stations and benchmarks, personal protective equipment and compliance to Bapco's safety standards.

- Review AutoCAD survey drawings submitted by contractors for review and to be submitted to the requesting Project Engineer for further comments and final approval which then will be entered in to the centralized data management system of the company for filing for future reference.
- Prepare and compute drawings in relation to the Arab Bahrain Pipeline (AB Pipeline) for possible encroachment at Bapco Services right of way/boundaries.
- Schedule trade test, interview contractors / sub-contractors to be approved and assigned at the refinery including land surveyors, survey technicians, chainman and laborer's.
- Arrange access, badge, permit to work, defensive driving course, H<sub>2</sub>S seminar for all approved contractors.
- Evaluate contractors' performance to ensure efficiency and consistency in all survey works.
- First approver of contractors' timesheets, overtime, work completed and payments.
- Train students from University of Bahrain and provide them with basic survey know-how materials.



حار الخاليج للهاند سنة معماريون ومهندسون GULF HOUSE ENGINEERING Architects & Engineers

Job Title: Land Surveyor Period: 01 May 2015 to 15 August 2017

#### **Survey Department**

Main point of contact for survey works in the company.

# <u>Duties & Responsibilities</u>

- Reporting directly to the Directors.
- Surveying of UNESCO heritage properties / old houses for proper filing and documentation for future reference and architectural design.
- Capturing the properties' designs, patterns and floor plan through photographic file.
- Meeting with external contractors to check that the project's property lines, structural walls amongst others are properly executed as stipulated in the original layout.

- Determining the position of points of interest on the earth's surface and preparing the final product data in digital form.
- Compiling and evaluating data, interpreting codes of practice, and writing reports concerning survey measurement.
- Conduct ocular assessment of field conditions and organize resources for effective and satisfactory performance of the work.
- Provide estimates on required time/days in accomplishing specific tasks or projects including submission of itemized auto-cad layout.
- Establish required horizontal and vertical control stations which can be used as permanent in nature for future reference, including relative computations.
- Perform topographic survey observations on existing properties, as-built of existing features and all other discernible physical field conditions.
- Function as auto-cad operator upon completion of site surveys.
- Gather survey materials from Topographic Directorate as required depending on type and scope of work.
- Perform additional tasks and duties that may be required and assigned from time to time.



Job Title: Land Surveyor Period: 01 March 2009 to 30 April 2015

## **BAPCO Survey Department**

Employed by Al Zayani Designers and Consultants as Land Surveyor and was assigned to Bahrain Petroleum Company for 6 years. I was appointed to handle all field works and preparation of drawings using Auto Cad application. I was also assigned to other projects such as Durrat Al Bahrain, Military Base in Sakhir amongst others.

#### Duties & Responsibilities

- Determining the position of points of interest on the earth's surface and preparing the final product data in digital form.
- Compiling and evaluating data, interpreting codes of practice, and writing reports concerning survey measurement.

- Preparing site plans and survey reports required for conveyancing and land ownership matters.
- Conduct ocular assessment of field conditions and organize resources for effective and satisfactory performance of the work.
- Provide estimates on required time/days in accomplishing specific tasks or projects including submission of itemized auto-cad layout.
- Establish required horizontal and vertical control stations which can be used as permanent in nature for future reference, including relative computations.
- Observing the verticality of heater flare stack and provide computation of its angle and upright position.
- Setting out buildings, electrical lines, gas lines and boundary lines of company's properties and leased areas used for pipelines by Arab-Bahrain (AB) pipelines.
- Conduct inspections through leveling boilers (No. 2 Power Plant) to monitor allowed minimum movements of its structural machineries.
- Act as survey inspector for all company projects as required by the project engineers.
- Perform topographic survey observations on existing properties, as-built of
  existing features and all other discernible physical field conditions and route
  survey for possible pipelines.
- Function as auto-cad operator upon completion of site surveys, finalize drawing layout and submit to Head Land Surveyor for further review and approval.
- Gather survey materials from Topographic Directorate as required depending on type and scope of work.
- Responsible in monitoring the work flow and time management to be encoded through company's contractor's system for the proper settlement of accounts
- Perform additional tasks and duties that may be required and assigned from time to time.
- Obtaining instructions and receive job orders from the Head of the Survey department.



Job Title Land Surveyor Period: 2<sup>nd</sup> January 2007 to 15 January 2009

173 P. Gomez Street, San Juan, Metro Manila, Philippines

### Duties & Responsibilities

- Determining the position of points of interest on the earth's surface and preparing the final product data in digital form.
- Compiling and evaluating data, interpreting codes of practice, and writing reports concerning survey measurement.
- Preparing site plans and survey reports required for conveyancing and Land ownership matters.
- Obtain instructions and receive job order requests from Field Supervisor.
   Conduct reconnaissance for ocular assessment of field conditions warrant and organize resources for effective and satisfactory performance of the work as required.
- Establish the required horizontal and vertical control stations, permanent in nature for future reference, including relative computations and adjustments thereof.
- Establish permanent control stations on drainage, sewer and waterline systems and checking the sub-contractors in their daily horizontal and vertical requirements.
- Act as Survey Inspector on development works such as checking of elevation
  of sub-grade, sub-base and form works for road construction including
  alignment. Set out reference points for construction of housing and buildings
  for development works.
- Perform survey observations on existing property boundaries, topographic features As-Built Topo of existing features and all other discernible field physical conditions.
- Submit all gathered and observed data for processing, evaluation and analysis.
- Edit field survey results.
- Prepare and submit regular reports on progress of accomplishment.
- Assigned for survey tools, equipment and vehicle.
- Perform additional tasks and duties that may be assigned from time to time.

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### A. Pili and E. Sales Surveying & Notarial Services

Job Title: Instrument Man Period: 01 April 1996 to 31 July 1997

Antipolo City, Philippines

### **Duties & Responsibilities**

- Perform the job of a property custodian
- Carry out the tasks of a Draftsman
- Responsible in supervising the survey team in the field.
- Prepare and submit regular reports on progress of accomplishment.
- Assigned for survey tools, equipment and vehicle.
- Perform additional tasks and duties that may be assigned from time to time.

#### **EDUCATIONAL ATTAINMENT**

# Bachelor of Science in Geodetic Engineering 15 June 2004 - 18 March 2006

Feati University Sta. Cruz,

Metro Manila, Philippines

### Associate in Geodetic Engineering

13 June 1994 - 11 October 1997

Manuel S. Enverga University Foundation Lucena City, Quezon, Philippines

### **SPECIAL SKILLS**

- Computer literate
- Holder of a valid Professional Driving license (light vehicle)
- Knowledge of Auto Cad Operation and basic Civil 3d
- Handles instruments such as GPS and Total Station (Leica and Sokkia)
- Well versed with survey tools and equipment
- Perform field works and processing of topographic data and prepares Auto Cad layout.

## SEMINARS / SPECIAL COURSES attended

Hydrogen Sulphide Awareness

Maasar e-learning application at Bapco

Sitra, Kingdom of Bahrain

Course taken on March 2020

### • Nebosh HSE Certificate in Process Safety Management

Course Provider: Al Mashreq Training

Bapco Club - Awali, Kingdom of Bahrain

Examination Date: 27 October 2019 - 80% Passed

## • Working at Heights Awareness

Maasar e-learning application at Bapco Sitra, kingdom of Bahrain

09 July 2019

## • Training Workshop on GPR Underground Mapping

Bapco's Engineering Building - Conference Room

Sitra, Kingdom of Bahrain

7th to 11th April 2019

#### • First Aid Course

Awali - Learning and Development Academy

Awali, Kingdom of Bahrain

03 March 2019

#### • Bapco H<sub>2</sub>S GAS Seminar

Bapco's Refinery, Fire Health Safety

Sitra, Kingdom of Bahrain

31 December 2009

## Auto Cad 2D / 3D

Microcad Technologies Co. Inc.

Cubao Quezon City, Philippines

21 September 2008 to 30 November 2008

## • Photogrammetry, Cartography & Remote Sensing Seminar

National Mapping and Resources Authority (NAMRIA)

Fort Bonifacio, Taguig City, Philippines