

# RAY EDSON M. ALEGRE

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## QUALIFICATIONS

- Project Management and Engineering Manager
- Demolition Project Manager
- Plant CAPEX and Project Engineering Manager
- Process and Project Engineer
- Project Engineer, Mechanical Engineer, Line QA inspector and Supervisor
- Mechanical Engineer. **New Zealand Qualification Assessment, Level 6**

## KEY SKILLS

- Process Optimization
- Maintenance and Production Strategy
- Project Management, complex demolition phasing and methodology
- Capital Expenditure prioritization and assessment
- Plant and department budget preparation
- Cost Variance Analysis
- Team management and Supervision, Staff Development, Training & Coaching
- Report & Document Preparation
- Financial and Budget statement analysis, Expense Reduction

## WORKING EXPERIENCE SUMMARY

### Ana's Breeder's Farm, Incorporated 2019 to present

- |   |       |                               |
|---|-------|-------------------------------|
| • VP – Manufacturing Director           | Davao | May 21, 2021 to present       |
| • Senior Plant Manager (Feedmill Plant) | Davao | Sept 16, 2019 to May 21, 2021 |

### Holcim Philippines, Inc 2005 to 2018

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|--|-------------|-------------------------|
| • Project Management and Engineering Manager | Head Office | July 15 to Dec 31, 2018 |
| • CAPEX and Project Engineering Manager      | DV Plant    | Aug 2017 to July 2018   |
| • Project Manager – Demolition               | DV Plant    | 2013 to Aug 2017        |
| • CAPEX and Project Engineering Manager      | DV Plant    | 2008 to 2013            |
| • Process and Project Engineer               | Head Office | 2007 to 2008            |
| • Project Engineer (Designer)                | Head Office | 2005 to 2007            |

### Paperland Incorporated 2003 to 2005

- Mechanical Engineer Supervisor      Quezon City      2003 to 2005

## WORKING ACHIEVEMENTS

- VP – Manufacturing Director
  - Leads all the Manufacturing Plant of Ana's Breeders Farm, Inc. such as Feedmill Plant, Ice and Cold Storage Plant, Canning Plant, Can Making Plant, Egg tray Manufacturing Plant and Plastic Blown Film Plant.
  - Leads on the improvement plan of preventive maintenance, EIA and CAPEX
  - Optimize Plant's operation through implementation of Total Productive Maintenance Program (TPM)

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- Senior Plant Manager
    - Plant process optimization and capacity improvement.
    - Attainment of a record high production approx. 200% in August 2019
    - Improvement on the Maintenance Management System. Identified the current condition of equipment and noted critical equipment that needs to be monitored closely and schedule for repair.
    - Introduced Maintenance programs (i.e. CBM, TPM) to effectively address and minimize plant downtimes.
    - Implemented proper preventive maintenance inspection and maintenance documentation.
    - Greatly reduced monthly downtime from 500+ hours to 93.6 hours

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- Project Management and Engineering Manager
    - Provide technical support for Holcim Plants and Terminals
    - Conduct Design Safety and Construction Quality Program (**DSCQP**) for Holcim Plants and Terminals
    - **Country Silo Cleaning Champion** - Provide technical support for Silo cleaning projects of Holcim Plants and Terminals
    - Prepare estimates for Holcim Projects (New BL line 3, New LG 1 Kiln line, DV Kiln upgrade) using Holcim estimation tools.
    - Review Plant's Business Cases for CAPEX projects proposals.

- CAPEX and Project Engineering Manager
- **(Special Assignment)** Review and improve Equipment's Preventive Maintenance Routine documents.
- **(Special Assignment)** Creation of Supervisor's Equipment Inspection Checklist.
- Prepare Plant's budget for Capital Expenditure for 2019 – 2021
- Prepare and submit Monthly report for operational and capitalized projects
- Prepare and submit technical documents of the proposed capital expenditures for review and approval of steering committee.
- 100% safe implementation of Plant's projects – **No LTI**
- Manage and monitor the successful completion of the plants operational projects and capital expenditures
  - New Cement Tonnering and bulk loading system
  - New Auto palletizer and Rotopacker
  - New Fly Ash feeding facility with 2 Silos
  - Replacement of EP dampers

Project Manager – Silo Cleaning	<ul style="list-style-type: none"> <li>• Special Assignment by Region Area Manager as Project Manager for Cement Silo Cleaning in Mabini Plant (<b>Expert Mission, Post accident</b>)</li> </ul>
Project Manager – Demolition	<ul style="list-style-type: none"> <li>• <b>Technical visit at Holcim New Zealand in Westport</b> and advising on the proposed demolition</li> <li>• <b>Technical visit at Holcim Sri Lanka</b> advising on the proposed demolition of Material Storage.</li> <li>• Assigned as the Project Manager for all Demolition Projects in Davao Plant Line 1 and Line 2 including Asbestos removal.</li> <li>• Document preparation, tendering, contracting and project management for the demolition of obsolete cement manufacturing lines including removal of hazardous materials (i.e. Asbestos)           <ul style="list-style-type: none"> <li>○ Line 1 wet process cement mfg line</li> <li>○ Line 2 dry process cement mfg line</li> </ul> </li> <li>• Successful and safe demolition / removal of the following structures without any LTI or safety infractions           <ul style="list-style-type: none"> <li>○ Old Technical Training Center</li> <li>○ Old Warehouses</li> <li>○ Old Storage Areas</li> </ul> </li> </ul>

- Old pumphouse and Security barracks
- Line 1 (Wet process cement manufacturing line)
- Line 2 (Dry process cement manufacturing line)
- Removal of Asbestos from old cement manufacturing structures.
- Successful implementation of Safety programs
  - Risk Assessments
  - Hazard Identification and correction
  - Task Observation and Safety Observation Tour

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- CAPEX and Project Engineering Manager

- Implemented the CAPEX Committee team to monitor the Plant's Capital Expenditures which resulted to a 100% implementation of CAPEX Projects last 2012 that impacted positively on the 2013 budget because of no carry-over of costs.
- Created and implemented a 5-year plan program for the rehabilitation and maintenance for the plant equipment and structures for efficient tracking of maintenance schedule.
- Included the 5-year plan program in the Plant Master Plan of the Company
- Created and implemented the 13-weeks maintenance plan
- Conceptualized and implemented the "Bill of Quantity (BOQ) system" to efficiently evaluate the technical proposal of the contractors.
- Manage implementation on the demolition of old overland conveyor and gas conditioning tower structure.
- Manage, monitor and analyze the actual expenses incurred by the department – weekly and monthly to avoid cost overrun.
- Prepare and submit technical documents of the proposed capital expenditures for review and approval of the steering committee.
- Monitor and analyzed the short interval control (SIC) report and the monthly report for both process and project activities.
- Prepare and submit monthly reports for review by the steering committee.

	<ul style="list-style-type: none"> <li>• Manage and monitor the successful completion of the plant's capital expenditures.</li> </ul>
<ul style="list-style-type: none"> <li>• Process and Project Engineer</li> </ul>	<ul style="list-style-type: none"> <li>• Review CAPEX Proposals, reports, recommendations and action plans for improvements prior to sending them out to the plants to ensure completeness of the reports.</li> <li>• CAPEX project evaluation</li> <li>• Prepare project engineering studies</li> <li>• Analytical and physical support in the manufacturing group thru close monitoring and on site supervision.</li> </ul>
<ul style="list-style-type: none"> <li>• Project Engineer (Designer)</li> </ul>	<ul style="list-style-type: none"> <li>• Assist the plant in CAPEX development <ul style="list-style-type: none"> <li>○ AFR</li> <li>○ Plant process improvement</li> <li>○ Upgrading projects</li> </ul> </li> <li>• Conceptualization of major CAPEX projects for the plant in form of studies and engineering</li> <li>• Assist manufacturing strategic assessments</li> <li>• Provide engineering and design services to plant when required</li> </ul>
<ul style="list-style-type: none"> <li>• Mechanical Engineer Supervisor</li> </ul>	<ul style="list-style-type: none"> <li>• Mechanical Plans and Design</li> <li>• Production Quality Monitoring</li> <li>• Manpower Control Assistance</li> <li>• Shutdown Scheduling/ Supervision</li> <li>• Bar-coding</li> <li>• AutoCAD Drawing (3D and Design)</li> </ul>

## **SEMINARS / TRAININGS ATTENDED**

### **REGIONAL PROJECT MANAGER SEMINAR**

International Institute for Learning, Inc - Germany  
Bangkok, Thailand October 22-27, 2007

- Enhance skills on Project Management utilizing different project tools to identify, anticipate and address critical activities

### **HOLCIM CEMENT MANUFACTURING COURSE**

Sponsored by Holcim Group Support  
Saraburi, Thailand January 15 to February 9, 2007

- Enhance technical skills on Cement Manufacturing to identify improvement areas in the production line.

### **STATISTICAL PROCESS CONTROL**

Philippine Trade Training Center  
Pasay City, Philippines March 17-18, 2004

- Enhance technical skills on the analysis of statistical process such as product variations, limits etc.

### **PLANNING AND CONTROL, ORGANIZING AND LEADING**

Sponsored by Holcim  
Davao Plant Aug. 2006

- Enhance skills on planning and control, organizing and leading. This involves on data gathering, analysis, monitoring, implementing toward desired results and management of people.

### **COACHING SKILLS WORKSHOP**

Sponsored by Holcim  
Waterfront, Davao City February 1-2, 2010

- Enhance skills on the coaching culture, Coaching process and in-depth coaching experience.

## **EDUCATION**

### **BS Mechanical Engineering**

Don Mariano Marcos Memorial State University - MLUC 1997-2002  
Registered Mechanical Engineer #60875