

Rolly Angeles

Bachelor of Science In Mechanical Engineer

RSA Reliability and Maintenance Consultancy Firm

Block 27, Lot 10, Golden City, Sta. Rosa, Laguna, Philippines, ZIP Code : 4026

Contact Information: Home: +634-9837-07-64, Mobile: +63920-924-6163,

Website: www.rsareliability.com, Email: rollyangeles@rsareliability.com

Rolly Angeles, is a seasoned technical trainer, his portfolio of technical trainings focused on Reliability and Maintenance Management courses such as Total Productive Maintenance (TPM), Lubrication and Oil Contamination Strategy (LUB), Condition- Based Maintenance (CBM), Reliability-Centred Maintenance (RCM), Root Cause Failure Analysis (RCFA), Planned Maintenance, World Class Maintenance, Maintenance Indices and Measures and much more . . .

Rolly previously worked with Amok Technology Philippines as a TPM Senior Engineer, a multi-national company engaged in the manufacture of integrated circuit products and spearheaded Planned Maintenance Organization composed of maintenance managers and engineers. He was responsible for the dramatic reduction of unplanned breakdowns in their TPM's journey as well as RCM implementation on their Facilities Air Handling units and sub-station equipments.

Last 2005, he established his own consultancy firm, RSA Reliability and Maintenance Consultancy Firm which provides a diversified lists of courses on reliability and maintenance best practices, management training, consultation and facilitation to industries. It offers industries the opportunity to uplift their people's technical competency on their maintenance to a level of "WORLD CLASS" excellence by capturing industries best practices. Currently work as a reliability consultant and conducts regular in-house trainings, consultation and facilitation on the courses that he provides on Reliability and Maintenance Best Practices.

Below is a list of courses I've developed and trained industries

- Lubrication Strategy - Understanding The Importance of Oil Contamination Control
- Reliability-Centred Maintenance for Industries
- Planned Maintenance - Four Phases To Zero Unplanned Breakdown Strategy
- Understanding Total Productive Maintenance - JIPM Approach
- Understanding Condition-Based Maintenance - Total Approach To Failure Prediction & Analysis
- Understanding Tom's Focused Improvement - Kobetsu-Kaizen Pillar
- Root Cause Failure Analysis for Equipment - Waging War With Failures
- Understanding Tom's Autonomous Maintenance Steps 1 - 3 (Part 1) of Jishu-Hozen
- Meaningful Measure of Equipment's Performance - Understanding OEE, MTBF, MTRR, MTBA
- Basic Maintenance Concept – Understanding Reactive, Preventive, Predictive, Proactive Maintenance
- Maintenance Strategies Part 1 - Overview on Predictive Maintenance & Lubrication Strategy
- Maintenance Strategies Part 2 - Overview on RCFA and Basic Maintenance Concept
- Optimizing Equipment's Reliability - Gearing From Reactive To Proactive Maintenance
- World Class Maintenance Management - The 12 Disciplines
- Relationship Between Equipment Losses and Overall Equipment Effectiveness
- Basic Hydraulic Theory, Principles and Application
- Achieving Proactive Maintenance - A Culture Of Reliability
- Optimizing Preventive Maintenance

Has been a successful trainer over a period of 10 years and provides a regular monthly Reliability and Maintenance Newsletter to his regular subscribers in his website at www.rsareliability.com . Also had provided related articles and materials on Root Cause Failure Analysis, Total Productive Maintenance, Proactive Maintenance and Lubrication and Oil Contamination Control.

CAREER and ACHIEVEMENTS

TYPICAL TRAINING ROLES TO DATE

AMKOR TECHNOLOGY PHILIPPINES (2005 – 2007)

- Provided regular training on reliability and maintenance courses from 2005 to 2007.
- Conducted 97 batches of training on different reliability courses and trained 1,545 people mostly from the maintenance department.
- Reliability courses conducted includes, Reliability-Centred Maintenance, Planned Maintenance Four Phases To Zero Unplanned Breakdown, Maintenance Kepi's and Indices, Utilization Losses, Lubrication Strategy and Oil Contamination Control, Condition-Based Maintenance and Root Cause Failure Analysis
- Mentoring of overseas students in 2004 and 2005.

MARCUS EVANS (2007)

- Invited as a resource speaker on their 2nd Annual Plant Reliability and Maintenance Conference conducted last March 26 and 27, 2007 on Root Cause Failure Analysis.

ADVANCE RESEARCH AND COMPETENCY DEVELOPMENT INSTITUTE, (2005 – 2006)

- Served as a resource speaker and facilitator for ARCDI on Equipment Engineering and Reliability Courses. ARCDI which is a training institute is the centre of training for all Semiconductor industries in the Philippines.

HERMANN AND CROSS LTD. NIGERIA (2007)

- Recently conducted an RCM training and facilitation in Port Harcourt Nigeria, which was attended by Shell, Saipmen and their consultant Hermann and Cross Ltd.

TEAM ENERGY CORPORATION, (2007)

- Formerly Mirant Sual Power Plant, conducted several trainings on Root Cause Failure Analysis and Total Productive Maintenance on their 2 Power plants in Sual and Pagbilao Philippines

CAREER RECORD

[Reliability Consultant - RSA Reliability & Maintenance Consultancy Firm \(2005 – Present\)](#)

- Established his own Reliability and Consultancy Firm which is engaged in providing in-house trainings, seminars, consultation and facilitation on related courses on Maintenance Best Practices and Continuous Improvement Methodologies offered.
- Lists of services provided includes :
 - Implementation of Total Productive Maintenance
 - Implementation of Planned Maintenance Strategy for TPM
 - Implementation of Autonomous Maintenance Strategy for TPM
 - Implementation of a Focused Improvement Strategy for TPM
 - Adopting a Lubrication Strategy and Contamination Control in your plant
 - Adopting a Condition-Based Maintenance Strategy in your plant
 - Facilitation of a Root Cause Failure Analysis Group
 - Facilitation of a RCM or OER group to improve current Preventive Maintenance system
 - Provides initial assessment of plant's maintenance structure and provide recommendations in order to improve their reliability.

[Technical Training Specialist - Lepanto Consolidated Mining Company \(2002 – 2004\)](#)

- Development of **specialized technical training** modules focused on maintenance and reliability best practices exclusively for maintenance section for LCMC.

- Convince Top Management to adopt an Oil Analysis and Total Contamination Control to save on company's lubrication and spares attributed to lubrication failures
- Conducted trainings on maintenance management courses and enhance people's skills on world class maintenance techniques and strategies
- Conducted Strategic Planning for maintenance on how to achieve Proactive Maintenance
- Prepared a feasibility study on Adopting a Lubricating Strategy and Oil Analysis which was implemented as a means to save on their lubricating cost and spare parts.
- Successfully facilitated Reliability-Centred Maintenance in their milling department
- Dramatic reduction of Millings Maintenance cost from 57 million to 37 million Php from 2001 to 2003 through the application of Condition-Based Maintenance Strategy and Reliability-Centred Maintenance as documented in their 2003 LCMC Annual Report.

TPM Senior Engineer - Amkor Technology Philippines (1995 – 2002)

- Responsible for the development and implementation of TPM's pillar on Planned Maintenance, Focused Improvement and Initial Flow Control and Early Equipment Management.
- Conducted trainings on the implementation Planned Maintenance Systems on different Steps/Phase and served as their internal consultant and provide guidance as well as guidelines on successfully conducting TPM's Planned Maintenance pillar of TPM.
- Conducted TPM Audits and Certification on Planned Maintenance teams as they complete each Steps/Phases of Planned Maintenance
- Experience dealing with JIPM (Japan Institute of Plant Maintenance) consultation and written full documented report on Planned Maintenance and Initial Flow Control Activities for pre-assessment requirements for JIPM Certification on TPM.
- Dramatic reduction of Unplanned Breakdown on 22 Pilot Machines for Planned Maintenance from 237 to 4 breakdowns from October 2000 to only 4 breakdowns by August 2001
- Dramatic reduction of unplanned Breakdowns on 272 Fan-Out or replicated machines from us much as 443 to 2 breakdowns from January 2001 to September 2001.
- Successfully implemented RCM on Amkor's Facilities equipment's AHU and Sub-Stations. Revision in their Preventive Maintenance Schedules dramatically reduced their breakdowns. Facilities Breakdown Record form 26 to ZERO from Q1 2000 to Q3 2000.
- Amkor's TPM Office benchmarked several times by other companies in their TPM implementation. Provided regular consultation on Amkor's Site 3 on their Planned Maintenance implementation.
- Trained all Amkor's site 2 engineers on Poka-Yoke Implementation, Mistake Proofing for Zero Defects and around 300 maintenance technicians, engineers and managers on Reliability-Centred Maintenance.
- During my term on handling and spearheading Amkor's Planned Maintenance form 1995 to 2002 in which 12 departments included with around 600 members for site 1 and 2. All PM teams had generated around 9,272 documented improvements on their equipment's and a cost savings of around Php 5,787,370.00.
- Promoted twice on the success of Planned Maintenance & Nominated as Key Technical Person last 1998.

Product Engineer – Sharp Philippines Corporation (1988 – 1994)

- Responsible for the development of TV's Cinemaborg series which includes design, mock-up sample, testing, parts lists generation and pre-production qualification.
- Implemented several cost improvement measures of TV parts without affecting the quality output of the unit for better price competition on the market.
- Responsible for assisting production side on pre-production of new products on TV and Video series and conducting several non destructive test to assure both quality and integrity of the product once out of the market.
- Performs continuous study and improvement measures on existing TV and VCR components.

EDUCATION & QUALIFICATIONS

- Passed P.R.C.'s Mechanical Engineering License Board Examination with License No. 31,648 given March 31, 1986 **1986**
- Mapua Insitute of Technology (College Course) **1981 - 1985**
Graduated with a Degree of Bachelor of Science in Mechanical Engineering
- Don Bosco Technical Institute of Makati (High-School Course) **1976 - 1980**
Rank 2 for both technical and academic side of curriculum
- Don Bosco Technical Institute of Makati (Elementary Course) **1971 - 1975**
Rank 2 for both technical and academic side of curriculum

PERSONAL

Date of Birth : May 18, 1963
Status : Married with 3 children
Current Age : 44 years old
Religion : Roman Catholic
Height : 5 ft and 9 inches
Weight : 185 lbs
Hobbies : Guitar and spending time with my kids