

**A RESUME OF:**

**DOMINICO 'DOODS' A. AMORA, PEE 1821**

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**I: SUMMARY OF PROFESSIONAL HISTORY**

**DOMINICO 'DOODS' A. AMORA** is a Professional Electrical Engineer with 34 years of experience in the practice of electrical profession. In 1974 after graduating BSEE at the Cebu Institute of Technology (CIT), he started his basic electrical engineering experience in Nasipit Lumber Company/Philippine Wallboard Corporation, a large wood-based industrial complex in Northern Mindanao. After five years, he was later employed by the Beer Division of San Miguel Corporation where he spent 15 years in Mandaue Brewery, 2 years in the construction & start-up of Davao Brewery and 4 years in SMC Corporate Headquarters. While in SMC for 21 years, he focused on operation, maintenance and electrical construction of breweries. Along the way, the nominee reaped 38 multiple awards & various citations befitting an outstanding employee.

Based in SMC Corporate Headquarters in Ortigas Center, Mandaluyong City, Doods in 1994, after a series of promotions became the **Manager for Corporate Electrical & Instrumentation Engineering of San Miguel Corporation** - a position he held until his retirement in January of 2000.

He later joined **Lear Corporation as Plant Manager of Plant 222**, a multi-national automotive wire harness manufacturing plant located in Mactan Export Processing Zone with corporate offices in Southfield, Michigan USA, where he achieved a series of world record breakthroughs in manufacturing.

His over-all training and application of experience revolved not only within the country but also in Germany, Singapore, Hong Kong, three breweries in People's Republic of China (*Guangzhou, Shundie & Baoding*) and Jakarta, Indonesia.

Doods was 2nd placer in the PEE Board Examinations in 1983, a college instructor, speaker in various technical fora & symposia and lecturer in seminars. His significant contributions to the electrical engineering profession earned him IIEE's "**Most Outstanding Electrical Practitioner in the Field of Industry**" - a national award he received in 1996. He had been the President of the IIEE Cebu Chapter in 1986 and is until now perennially active in IIEE activities. In 2002, another IIEE national award was given to the nominee as the "**Most Outstanding Electrical Practitioner in the Field of Consultancy**". He was also cited as **CIT's Y2003 Most Outstanding Alumnus in the Field of Engineering Consultancy**. The multi-awarded Doods was also conferred as **IIEE's Most Outstanding Regional Governor** for Y2003. As Region 7 Governor in 2003, he captured the **Most Outstanding Regional Conference** & the **Best Chapter Awards** of IIEE.

**I: SUMMARY OF PROFESSIONAL HISTORY**  
(continued...)

Doods is at present the Chief Operating Officer of **PRIMARY ELEKTRIKS & POWER SPECIALIST CORP (PEPCOR)**, a consultancy outfit based in Mandaue City, Philippines - a company specializing in power systems design, project execution, energy management, maintenance management systems and project management. He is also at present the Managing Director & Chief Lecturer of the **CENTRE FOR STUDIES IN ELECTRICAL ENGINEERING PRACTICES & STANDARDS (CESEEPS INTERNATIONAL ASSN, INC.)**. Doods had also been conferred as a "Senior Member" of IIEE.

Committed to the tenets of Continuing Professional Development of the Filipino electrical engineer, Engr. D. Amora authored five technical books and conducted series of real-life, honest-to-goodness technical trainings to address the competency in "**Electrical Design Practices in Industrial Power Systems**" among them are as follows:

- 1) BOOK 1 (*RED BOOK*): **LOW VOLTAGE SYSTEMS & APPLICATION IN INDUSTRIES**
- 2) BOOK 2 (*BLUE BOOK*): **MEDIUM VOLTAGE SYSTEMS & APPLICATION IN INDUSTRIES**
- 3) BOOK 3 (*GRAY BOOK*): **FAULT CALCULATIONS & APPLICATION IN INDUSTRIES**
- 4) BOOK 4 (*GOLD BOOK*): **INDUSTRIAL SUBSTATION DESIGN & PROTECTION SYSTEMS**
- 5) BOOK 5 (*GREEN BOOK*): **INDUSTRIAL MAINTENANCE & ENERGY MANAGEMENT SYSTEMS**

**II: SUMMARY OF WORK LIFE**

**DOODS** had been involved in all of the following facets of electrical engineering practice (*accumulated years in simultaneous practice*):

- **30 YEARS IN CONSTRUCTION:** Nasipit Lumber Co., San Miguel Corp (Mandaue, Davao, Polo, San Fernando Breweries), Primary Elektriks & Power Specialists Corp. (Various Clients)
- **10 YEARS IN CONSULTANCY:** San Miguel Corp (*all Philippine & Offshore Breweries*) La Tondena Distillers (*all Liquor, Water & Juice Plants*), Lucky Tableware Factory, Visayan Enamelware, Lexmark International Circuit Assembly Plant, Cebu Micro Electronics, APO Cement Corp., Tsuneishi Heavy Industries, Ayala Centre Cebu, Lexmark International Bottle Assembly Plant, Philippine Associated Smelting & Refining Corporation (PASAR), East Asia Utilities Corp., Schneider Electric Cebu, Mactan Cebu International Airport, Lear Corporation, Consultant for Jervis Electric for Cebu, Consultant for LJ Fabricators for Power System Clients, Atlas Copco Cebu, CENTRE FOR STUDIES IN ELECTRICAL ENGINEERING PRACTICES & STANDARDS (CESEEPS), Fairchild Semi-Conductors (Phils) and Riverside Medical Center.

**II: SUMMARY OF WORK LIFE**  
(continued...)

- **30 YEARS IN DESIGN:** Nasipit Lumber Co., San Miguel Corp (Mandaue, Davao, Polo, San Fernando Breweries), Primary Elektriks & Power Specialists Corp. (Various Clients)
- **10 YEARS IN EDUCATION:** Instructor, Nationwide Technical Institute; EE College Instructor (*University of San Jose Recoletos*); EE Reviewer (*Cebu Institute of Technology*); Lead Lecturer & Training Director (*Centre for Studies in Electrical Engineering Practices & Standards*); Lead Trainor in EE (*Brewery Engineers Training Program – SMC Philippines & Offshore*)
- **20 YEARS IN OPERATION/MAINTENANCE:** Nasipit Lumber Co., San Miguel Corp (*Mandaue & Davao Breweries*)
- **9 YEARS IN HIGHER MANAGEMENT:** Corp. Electrical & Instrumentation Manager (*SMC - Corporate*), Plant Manager, LEAR Corp Plant 222, Chief Operating Officer, Primary Elektriks & Power Specialist Corp. (*PEPSCOR*)
- **3 YEARS IN MARKETING:** Primary Elektriks & Power Specialists Corp (*PEPSCOR*)

**III: NOTABLE CONSULTANCY SERVICES RENDERED**

- **APO CEMENT CORP (Naga, Cebu):** Hired as consultant for CEMEX's APO CEMENT Plant's 2 x 25 MVA 69-13.8 kV Substation Project tie-up with Visayan Electric Company. The scope also covers the study on fault duties before & after the interconnection, the interconnection scheme and the 84 MVA Power Plant upgrading of automation & control systems. (2008)
- **PHILIPPINE ASSOCIATED SMELTING & REFINING CORP (Isabel, Leyte):** Hired as consultant for an over-all Plant Power System Reliability Audit from 138 kV to 22 kV, to 3.3 kV and down to the low voltage side covering fault studies, loading behavior, power factor behavior, voltage dips, peak shaving, load shedding, harmonics, load metrics and redundancy schemes. (2008)
- **EAST ASIA UTILITIES CORP (Mactan, Cebu):** Hired as consultant for the review of Fault Duties of a 50 MW Power Plant paralleled with the grid leading to the resetting of all protective devices for coordination/discrimination & fault control. (2008)
- **APO CEMENT CORP (Naga, Cebu):** Several instances of faults at the load ends never triggered trippings in any of a number of breakers in cascade upstream of the system. Instead the Power Plant used to black-out even for faults far remote. Resumption of operation for every power plant outage usually takes 24 hours time. A Power System Study was conducted leading to changes in relay settings to effect coordination. The original settings were done by expat engineers during commissioning phase. (2006)

**III: NOTABLE CONSULTANCY SERVICES RENDERED (continued...)**

- **LEXMARK INTERNATIONAL (Phils) CIRCUIT ASSEMBLY PLANT (Mactan Export Processing Zone 2):** Hired as consultant, he made true the energization of the new plant in 3 days time while the project managers & contractors were looking at it in one month time schedule which was already 3 months behind. A Power System Study conducted by the nominee led to the correction of KAIC ratings of some 30 power circuit breakers. Corrections of the situation led to the installation of NGR's at the generators' neutral and the installation of current limiting fuses to limit the fault duties at manageable levels. Changes on the settings of the protective relays are also made to address realistic conditions. (2005)
- **LEXMARK INTERNATIONAL (Phils) BOTTLE ASSEMBLY PLANT (Mactan Export Processing Zone 2):** As consultant, he made changes in system grounding, relay settings and power cable replacements after a number of problems surfaced out. The original jobs were designed & constructed by expat contractors & project managers. (2006)
- **TSUNEISHI HEAVY INDUSTRIES (CIPDI, Balamban, Cebu):** A Power Systems Audit made management aware of the errors of the system within their plant. All sixteen 13.8 KV circuit breakers are not working due to errors in wiring, erroneous arming up of protective relays, wrong type of relays installed, absence of dc power supply for the relays and absence of ground return current path conductor, among others. Every time there was a fault, it is always CIPDI (*the power supplier*) that trips out. The audit also revealed unsafe conditions in the 13.8 KV capacitors, wrong system grounding and dangerous breaker-earthing switch non-working interlocks for all medium voltage breakers. All non-working metering systems were also corrected. (2004).
- **AYALA CENTER CEBU (Cebu City):** A Power Systems Audit revealed the sources of their P 6.5 million per year losses, the errors in system grounding, errors in positioning of CT's for power factor correction, lapses in design and construction and unsafe conditions within the system. (2005)
- **LA TONDENA DISTILLERS INC (All Plants in the Philippines):** As maintenance consultant, he made lectures/training in maintenance management systems and later set-up the maintenance systems in five liquor plants, three mineral water plants and three juice plants. Initiated major changes in the operation & maintenance organizations. (1998-2000)
- **SAN MIGUEL CORPORATION (Philippines & Abroad):** As corporate electrical engineering manager, he had been the consultant to all breweries (Philippine-based or Offshore Breweries) in the following areas: operation & maintenance, energy management, maintenance management systems, electrical systems designs and construction. Made periodic system audits on these plants. (1996 - 2000)

**III: NOTABLE CONSULTANCY SERVICES RENDERED (continued...)**

- **CEBU MICRO ELECTRONICS INC (Mactan Export Processing Zone 1):** Consultant in three plant expansions and construction to include maintenance. (2001 – 2005)
  - **MACTAN CEBU INTERNATIONAL AIRPORT (Lapulapu City):** Provided consultancy services for the design of a 69 KV Substation Project. (2006)
  - **CENTRE FOR STUDIES IN ELECTRICAL ENGINEERING PRACTICES & STANDARDS (CESEEPS, Mandaue City):** Chief Consultant for CESEEPS' "Real-Life Honest-to-Goodness, Bridging the Academe & the Industry Training Program" for electrical engineers which include the following services: Training Needs Analysis, Core Curriculum Design, Training Materials and Book Production. Single-handedly authored CESEEPS' own version of Colored Books series. Had conducted several successful 3-day seminars on Electrical Design Practices in Industrial & Commercial Power Systems since 2002 up to today. (2002 – up to the present)
  - **TSUNEISHI HEAVY INDUSTRIES (CIPDI, Balamban, Cebu):** Hired as consultant for the design and planning of a 10 MVA 13.8-3.3kV power substation & distribution for the second shipbuilding line. (2005)
  - **JERVIS ELECTRIC:** Consultant for Visayas & Mindanao clients in Switchgears & Substation Projects.
  - **LJ FABRICATORS:** Consultant for Visayas & Mindanao clients in Switchgears & Substation Projects.
  - **ATLAS COPCO CEBU:** Consultant for Visayas & Mindanao clients for Generator, Switchgear (Island Generation) & MV Motor Controllers for Air Compressor projects.
  - **FAIRCHILD SEMI-CONDUCTORS (PHILS):** Consultant for the revamp & re-powering of the entire electrical system of the company from the substations down to the last power panels to suit to I T environment. (2006)
  - **RIVERSIDE MEDICAL CENTER (Bacolod City):** Consultant for the revamp & re-wiring of the entire electrical system of the medical complex to suit to I. T. environment. (2004)
  - **VICTORIAS MILLING CO. (Victorias City):** Consultant for the revamp of the entire Power Plant involving retirement of three turbine generators, six diesel generators and the acquisition of new one 15 MW Turbine Generator and one 2.5 MW Diesel Generator along with two other retained Turbine Generators. (2004)
- Conducted a Power System Analysis for the entire plant as a result of the revamp at Power Plant where changes of the system had been implemented. (2005)

**IV: NOTABLE AWARDS & RECOGNITION**

- 1983: **Board Topnotcher – 2<sup>nd</sup> Place, 1983 Professional Electrical Engineering Board Exams (Philippines)**
- 1984-1988: **Consistent Model Supervisor Awardee (SMC Brewery)**
- 1984-1989: **Hall of Fame: Six-Time Innovation Program Grand Awardee**, (SMC Corporate-Wide Innovation Program)
- 1979-2000: **Recipient of some 38 Awards, Plaques, Trophies & Citations**
- 1996: **IEEE National Awardee: Most Outstanding Electrical Practitioner in the Field of Industry**, (IEEE National Convention, Nov 1996, Manila Midtown Hotel)
- 2002: **IEEE National Awardee; Most Outstanding Electrical Practitioner in the Field of Consultancy** (IEEE National Convention, November 2002, PICC)
- 2003: **Most Outstanding Alumnus in the Field of Engineering Consultancy** (Cebu Institute of Technology, Alumni Homecoming, March 2003, White Gold House, Cebu City)
- 2003: **IEEE National Awardee; Most Outstanding Regional Governor** (IEEE National Convention, November 2003, PICC)
- 2003: **IEEE National Awardee; Most Outstanding Regional Conference Awards** (IEEE National Convention, November 2003, PICC)

**V: EMPLOYMENT HISTORY**

**2001 – to date: PRIMARY ELEKTRIKS & POWER SPECIALIST CORPORATION (PEPSCOR)**

- Chief Operating Officer (2001 up to the present)

**2000 – 2001: LEAR CORPORATION, Plant 222**

- Plant Manager (2000 -2001)

**1996 – 2000: SAN MIGUEL CORPORATION**

- Manager, Corp. Electrical & Instrumentation Engineering (1996 – 2000)
- Projects Superintendent, Davao Brewery (1994 – 1996)
- Maintenance Superintendent, Mandaue Brewery (1992 – 1994)
- Superintendent, Mandaue Brewery Modernization Project (1990 – 1991)
- Head – Preventive Maintenance, Mandaue Brewery (1983 – 1989)
- Project Field Engineer, Mandaue Brewery (1979 – 1983)

Had travelled several times to Hong Kong, Shundie, Guangzhou, Beijing China as well as Jakarta, Indonesia in the performance of power systems audits, project implementation and setting-up of energy management programs of SMC owned breweries in those areas.

**1975 – 1979: NASIPIT LUMBER COMPANY, INC.**

- Asst Shift Operation & Maintenance Electrical Engineer (1975 – 1979)

**VI: PROFESSIONAL AFFILIATIONS**

**PROFESSIONAL AFFILIATIONS:**

**2002–2004: CENTRE FOR STUDIES IN ELECTRICAL ENGINEERING PRACTICES & STANDARDS, INC. (CESEEPS INT’L ASSN, INC)** (Chairman & Chief Lecturer)

**2002–2004: ASSOCIATION OF PROFESSIONAL ELECTRICAL ENGINEERS OF CEBU, INC. (APEEC)** (Vice President)

**1987: CONFEDERATION OF SCIENTIFIC & PROFESSIONAL ORGANIZATIONS OF CEBU** (Director)

**1990: MAINTENANCE ASSOCIATION OF THE PHILIPPINES (MAPHIL), Cebu Chapter** (Member)

**1975 – up to the present: INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILIPPINES Inc., (IIEE)** Various Positions Held

**VII: TECHNICAL PRESENTATIONS DELIVERED**

- **“Maintenance Performance Measurements – Its Impact to Quality Production”**, presented during the 3<sup>rd</sup> SMC Quality Forum held at the Philippine Trade Training Center, Metro Manila, Philippines (1989)
- **“Computer-Aided Maintenance Management Systems”**, presented during the 4<sup>th</sup> SMC Quality Forum held at Valle Verde Country Club, Pasig City, (1990)
- **“Maintaining Maintenance Effectiveness”**, presented during the 36<sup>th</sup> PSME National convention held on October 19-22, 1988 at Montebello Hotel, Cebu City
- **“Modernizing Maintenance Management Systems”**, presented during the 1<sup>st</sup> SMC Engineering Congress held at the Mandaue 1521 Reception Center, (1990)
- **“Energy Management in Electrical Systems”**, presented during the Energy Conservation Seminar jointly sponsored by the Cebu Chamber of Commerce & Industry and the Department of Science and Technology, Region VII, (1992).
- **“Electrical Engineering in Industrial Plants”** , presented during the 12<sup>th</sup> IIEE Mid-year Convention held in Cebu City, (June 1986)
- **“Electrical Construction Business Practices in Southern Philippines”**, presented during the IIEE Regional Conference held in Waterfront (Mactan) Hotel, April 27, 2001.

**VIII: SHORT SEMINARS & FORUMS AS  
RESOURCE PERSON/SPEAKER**

- Motor Controllers - Conventional & High Tech 1993
- Power Systems Design for Commercial Buildings 1994
- Power Distribution Designs for Industrial Plants 1995
- Automation In the Industry 1994
- System Grounding & Power Quality 1999
- Power Systems Analysis & Fault Calculations 1992
- Supervisory Controls & Data Acquisition System (SCADA) 1994
- Electrical Power Plant Design 1991
- Total Preventive Maintenance Systems 1998
- Electrical Systems Design & the Philippine Electrical Code 1992
- Electrical Contracting Business in Southern Philippines 2001
- The Electrical Engineer in the Industrial World 2001
- Career Development for Electrical Engineers 2002
- Energy Management Systems for Industries 2002
- The Role of Electrical Engineering in Globalization & I. T. 2002
- Powering & Grounding I T Environments 2003
- Electrical Project Management 2003
- Malpractices in Design & Construction 2004
- Electrically Started Fires 2003
- Grid & Distribution Codes of the Philippines 2004
- Modern Maintenance Management Systems 2003
- Competency Development 2004

**IX: SPECIAL TRAININGS ABROAD**

- **Automated Process Controls for Breweries**
- **Variable Frequency Controllers**
- **Brewery Computer Systems**
- **Electronics Instrumentation Systems**
- **Switchgear Manufacturing Processes**
- **Beer Filtration Technology**
- **Brewery Systems Study**
- **Industrial Power Electronics**
- **Power Electronics Controllers**
- **Power & Automation Systems**

**Huppmann Maschinen Fabrik  
Kitzingen, West Germany**

**Danfoss Industrial Center City  
of Offenbach, West Germany**

**Braumat Software Siemens  
AG, Erlangen & Wursburg Cities,  
West Germany**

**Vega Electronics GMBH,  
Schiltach, West Germany**

**Filtren & Gouleume (F&G)  
Krefeld City, West Germany**

**Schenk Filterbau Walsdtatten,  
West Germany**

**Wernerbreverie,  
Poppenhausen, W. Germany**

**CITEF Training Center, Upper  
Payalebar, Singapore**

**Control Techniques,  
Asia-Pacific Center, Hinderson  
Industrial Park, Singapore**

**Siemens (PTE) Ltd., Lorong  
Chuan, New Tech Park,  
Singapore**



**X: EDUCATION**

1959 – 1965: **Elementary**  
**Nasipit Central Elementary School,**  
 Nasipit, Agusan del Norte, Philippines

1965 – 1969: **High School**  
**Pacifican Institute of Agusan**  
 Nasipit, Agusan del Norte, Philippines

1969 – 1970: **Collegiate**  
**Mindanao State University**  
 Marawi City, Philippines

1970 – 1974: **Collegiate**  
**Cebu Institute of Technology**  
 Cebu City, Philippines

1996: **Correspondence Course,**  
**International Correspondence**  
**Schools (ICS)**

Consistent Class First Honoree  
**Graduated Valedictorian**

Consistent Class First Honoree  
**Graduated Valedictorian**

**Full Scholar**

**Academic Scholar**  
**Graduated BS in Electrical**  
**Engineering**

**Certificate in Electronics**  
**Process Control &**  
**Instrumentation**

**XI: TRAINING PROGRAM PERSONALLY CONDUCTED**

Module	COURSE TITLE	Dates Conducted
Mod 1 (16 hrs)	LOW VOLTAGE SYSTEMS & APPLICATION IN INDUSTRIES	Jul 2002, Feb 2003, Jul 2003, Feb 2004, Jul 2004, Feb 2005, Jul 2005, Feb 2006, Jul 2006, Feb 2007, Jul 2007, Feb 2008, Jul 2008
Mod 2 (14 hrs)	MEDIUM VOLTAGE SYSTEMS & APPLICATION IN INDUSTRIES	Aug 2002, Mar 2003, Aug 2003, Mar 2004, Aug 2004, Mar 2005, Aug 2005, Mar 2006, Aug 2006, Mar 2007, Aug 2007, Mar 2008, Aug 2008
Mod 3 (14 hrs)	FAULT CALCULATIONS & APPLICATION IN INDUSTRIES	Sept 2002, Apr 2003, Sept 2003, Apr 2004, Sept 2004, Apr 2005, Sept 2005, Apr 2006, Sept 2006, Apr 2007, Sept 2007, Apr 2008, Sept 2008
Mod 4 (12 hrs)	INDUSTRIAL SUBSTATIONS & PROTECTION SYSTEMS	Oct 2002, May 2003, Oct 2003, May 2004, Oct 2004, May 2005, Oct 2005, May 2006, Oct 2006, May 2007, Oct 2007, May 2008
Mod 5 (16 hrs)	INDUSTRIAL MAINTENANCE & ENERGY MANAGEMENT SYSTEMS	Nov 2002, June 2003, Nov 2003, June 2004, Nov 2004, June 2005, Nov 2005, June 2006, Nov 2006, June 2007, Nov 2007, June 2008

**XII: PERSONAL DATA**

- Date of Birth: Oct. 12, 1952
- Place of Birth: Nasipit, Agusan del Norte
- Civil Status: Married
- Religion: Roman Catholic
- Name of Spouse: Merlita Rivas Amora
- Profession of Spouse: Registered Nurse
- Number of Children: Two (2)
- Names of Children: Kristine May Amora (27)  
 Kristoffer Dominic Amora (26)
- Present Address: 5th Ave, Agro-Macro Subd., Cabanalan, Mandaue City
- Telephone Numbers: (032) 3463-029 (Cebu Residence); (032) 345-4531 (Office); (032) 343-6936 (Fax); Cellphone: (0917) 620-7260