



JOEL INFORMON

Instructor 2

EDUCATION

2001 - 2006

**BACHELOR OF SCIENCE IN
MECHANICAL ENGINEERING**
Eastern Visayas State University

2020 - 2023

**MASTER OF ENGINEERING IN
MECHANICAL ENGINEERING**
Technological Institute of the Philippines

SKILLS

- Autocad Mechanical Software
- SolidWorks Software
- Autodesk Inventor Software
- Microsoft Office
- Japanese Language Literacy
JLPT N4/J-Test
- ANSYS FEA Simulation Static,
Thermal and CFD

LANGUAGES

- English
- Tagalog
- Nihongo

CONTACT

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📍 Sogod Southern Leyte

PROFILE INFO

Mechanical Design Engineer with 16 years' experience in rotational dynamics machinery design and maintenance. I enjoy working collaboratively but can also work on projects independently.

EXPERIENCE

INSTRUCTOR 2 2023 - Present
MACHINERY AND EQUIPMENT MGMT
CONSULTANT OF DOST VIII
Southern Leyte State University

SENIOR ENGINEER 2 (PROJECT LEADER) 2016 - 2023
TECHNICAL ADVISOR OF STEAM
TURBINE MAINTENANCE
Sumitomo Heavy Industry Designing and Manufacturing Inc.

SENIOR ENGINEER 1 2014-2015
Sumitomo Heavy Industry Designing and Manufacturing Inc.

ENGINEER DESIGNER 2 2011-2013
Sumitomo Heavy Industry Designing and Manufacturing Inc.

ENGINEER DESIGNER 1 2008-2010
Sumitomo Heavy Industry Designing and Manufacturing Inc.

JUNIOR ENGINEER 2006-2007
Sumitomo Heavy Industry Designing and Manufacturing Inc.

ROLES AND RESPONSIBILITY

- Designing industrial and power plant application gear reducer.
- Making plan, outline, assembly and fabrication dwg. of gear reducer
- Making material list and purchasing document.
- Piping design and equipment instrumentation diagram of gear reducer.
- Calculating gear strength, bearing life, gear efficiency and etc.
- Calculating bearing internal clearance due to temperature rise.
- Making gantry chart schedule in gear reducer projects.
- Steam turbine overhaul maintenance, installation and commissioning
- Machine center alignment and shop works (Caulking, drill, tapping and etc.)
- Machine installation, leveling and commissioning
- Precision tools use dial indicator, bore gauge, depth gauge, inside micrometer, outside micrometer, taper gauge, feeler gauge and etc.

TRAININGS /SEMINARS

- 5 yrs. Training in Sumitomo Gearbox Co. Ltd (Gear Box Design) Osaka Japan
- 1 yr. Training in Shin Nippon Machinery(After Sales Service) Hiroshima Japan
- ANSYS FEA simulation webinar
- Introduction to Finite Element Analysis (Principia Engineering & Technology Center)
- Introduction to Computational Fluid Dynamics (Principia Engineering & Technology Center)
- Mastering Mechanics of Deformable Bodies (Principia Engineering & Technology Center)
- Fundamentals of Fatigue Analysis (Principia Engineering & Technology Center)
- SHI Cyclo Drive Asia & Pacific Philippines (Gear box maintenance)

PUBLICATION

Infornon, J.M., & Serrano, N.L. (2023). Design calculation of torque, power and RPM of gearbox for fuel less generating system. International Journal of Scientific Research and Engineering Development, 6(2), 5. Retrieved from <http://www.ijrsred.com/volume 6/issue 2/IJSRED-V612P58.PDF>