



CURRICULUM VITAE

NAME : **Chew Kok Wai, Gary**
NATIONALITY : Singaporean
DATE OF BIRTH : 23rd August 1976
MARITAL STATUS : Married
LANGUAGES : English / Mandarin

QUALIFICATIONS:

- **Nanyang Technological University, Singapore**
Bachelor of Engineering Degree in Mechanical & Production Engineering with 3rd Class Honours
- **Singapore Polytechnic, Singapore**
Diploma in Manufacturing Engineering
- **St Gabriel's Secondary School**
GCE 'O' Level – 5 distinctions in 7 subjects
- **Awarded by Ministry of Manpower Occupational Safety & Health Centre**
Certificate for Completion of Safety Instruction Course for Shiprepair Managers
- **Awarded by MINDEF Innovation & Transformation Office**
Certificate for Accomplishment of Innovation Dive Workshop
- **Participation in Kaizen Workshops**
- **Computer Languages (programming): Pascal & Fortran**

WORK EXPERIENCE:

May 2008 - Present Employer: **SEAWISE Maritime Services**
Position: Hull & Machinery Surveyor

- Responsible for handling Hull and Machinery. Assisting with Cargo and Marine surveys.
- Written Failure Modes & Effects Analyses (FMEA) Manuals for systematic analysis of the systems for various Dynamic Positioning (DP) vessels and fully conversant with requirements by Classification Societies for the construction of DP vessels and International Marine Contractors Association (IMCA) for the operational capabilities of DP vessels.
- Written Sea Trial Protocols which contain tests for verifying the correctness of the assumptions made by the various corresponding FMEAs and simulating all single point failures as listed in the FMEA manuals.



- Attended and conducted DP sea trials for various newly-constructed DP vessels built in China and Malaysia, witnessed by on-site surveyor appointed by American Bureau of Shipping (ABS).
- Written Dynamic Positioning (DP) Operations Manuals for various DP vessels, in accordance to requirements by Class ABS and IMCA, documenting various information necessary for the efficient operation of a vessel's DP system, such as organisation and responsibilities of the crew onboard a DP vessel, philosophy governing the design aspects of a DP vessel, various standing orders for DP operations, DP design and operational guidelines, various checklists required onboard a DP vessel, various DP Trials procedures and necessary incident reporting policies and procedures in the event of unforeseen occurrence of incidents onboard a DP vessel.

Apr 2007 to Apr 2008 Employer: **Keppel Fels**
Position: Project Superintendent

- Managed new construction projects for Keppel Fels B Class Jack-Up Oil Rigs in the role of Project Superintendent

Mar 2004 to Apr 2007 Employer: **Singapore Technologies Marine**
Position: Mechanical Engineer

- Led a team of skilled labour responsible for the Embarkation and Installation of Equipment for the Propulsion System of a Frigate Project
- Managed Shiprepair Projects for commercial vessels, mainly Oil and Chemical Tankers, in the role of Assistant Project Manager
- Managed and led various teams of machinery contractors in the role of a Mechanical Engineer to fulfill machinery operations for various Shiprepair Projects