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| Martin S. Sapoetro POTO  ***Date of Birth:***  *26 Dec 1967*  ***Nationality:***  *Indonesia*  ***Education:***  *University of Indonesia*  ***Qualifications:***  *BSc. Structural*  *BA. Management*  Cert. EQ Engineering  ***Language skills:***  English  Indonesian  Martin career spans over 25 years in the Structural and Civil engineering design industry. He has worked with various projects with many high-profile clients and international contractors to execute EPC projects. His proven ability to undergo large projects and has professional experience in various type of industry such as oil & gas, petrochemical, infrastructure (onshore) and got some structural software trainings for offshore industry. |
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**Papers**

Manual Series Damage and Failure of Building due to Earthquake in Indonesia

Seismic Building Design of Operational and Functional Component

**Professional Qualifications**

Member of Indonesian Society of Civil and Structural Engineers

Member of the Institution of Engineers Indonesia

**Software Training**

Various Aseismic Structure Design courses

SACS software training

SESAM software training

STAADPRO software training

TEKLA software training

AUTOCAD software training

ETABS software training

SAP2000 software training

SAFE software training

**Standard Code**

Indonesian Code, AISC, ACI, ASCE, UBC, API, BSI

Experience

**June/15 – Present Available for new project assignment.** SupportPrivate Family in Clothing Business

**Oct/14 – May/2015 Company: WorleyParsons**

**Position: Head of Structural /Civil Department and Lead Structural Engineer**

**Project: Nickel Vale – Indonesia (FEED and Detailed Engineering)**

Responsible for providing discipline specific supervision and guidance on all design, engineering and technical matters, monitoring project progress and ensuring compliance with established programs and procedures. Studies contract documentation and Scope of Work and nominates Engineers for project work. Allocates manpower resources to enable efficient effective engineering work to be completed within allocated manpower budget and to approved quality standards. Performing required activities associated with projects (investigation, analysis and design) in line with project requirements. Maintaining on-going communication with relevant Project Leaders/Team Leaders and clients. Working in collaboration with other design disciplines to ensure the integrity of the overall design. Reviewing completed engineering work to ensure accuracy

Responsible for leading *engineering and designer to do steel work and concrete foundation, steel structure, piperack, pipe support, earthwork, road, underground and drainage.*

**Aug/13 – Oct/14 Company: Foster Wheeler Indonesia.**

**Position: Principal Structural /Civil Engineer**

**Project: Refinery RFCC Pertamina – Indonesia (Project Management Team)**

Responsible for reviewing of contractor’s *engineering steel work: pipe rack, structural building, pipe support along with drawing and calculation.*

**Oct/12 – Jul/13 Company: Foster Wheeler Thailand.**

**Position: Principal Structural /Civil Engineer**

**Project: Sadara DOW & SAUDI ARAMCO – Kingdom of Saudi Arabia (Detailed Engineering)**

Responsible for *checking of engineering steel work: pipe rack, structural building, miscellaneous platform along with model, drawing and calculation.*

**Jan/10 – Sep/12 Company: KBR Inc.**

**Position: Work Group Leader Civil**

**Project: Gorgon LNG– Australia (Detailed Engineering)**

Responsible for coordination of engineers and designers to do model and drafting work of foundation design & U/G Civil. Foundation design covers equipment foundation, pipe rack foundation, structural foundation, and miscellaneous foundation. U/G Civil covers manhole, channel, ditch, headwall, drainage, trench wall, bollard, crash barrier. Review of engineering model and drawing.

**Jul/09 – Dec/09 Company: KBR Inc.**

**Position: Senior Structural Engineer**

**Project: *Halfdan Wellhead Platform– UK* (Mockup Study)**

Responsible for steel detailed design works for equipment support,,review of engineering drawing and calculation.

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**Aug/07 – Jul/09 Company: KBR Inc.**

**Position: Work Group Leader Structural**

**Project: Pequiven Moron Petrochemical Complex–Petroquimica-Venezuela (Detailed Engineering)**

Responsible for detailed design for steel structure of ammonia petrochemical complex on Moron Venezuela for Petroquimica de Venezuela. Martin was responsible for leading engineer and designer on design of steel structure, pipe rack, and miscellaneous steel, coordination in engineering design model, drawing, calculation, and MTO.

**Nov/06 – Jul/07 Company: KBR Inc.**

**Position:Senior Civil Engineer**

**Project: Olefin Plant Project – SABIC-SAUDI KAYAN Petrochemical Company (Detailed Engineering)**

Responsible for preparing Civil foundation detailed design for Olefin Plant in Al-Jubail Kingdom of Saudi Arabia. Martin was responsible engineering for all equipments foundation in all area to produce quality calculation report, supervising model and engineering drawing, review subcontractor construction drawing.

**Aug/05 – Oct/06 Company: KBR Inc.**

**Position:Senior Structural Engineer**

**Project: LNG Tangguh Project –BP- Indonesia (Detailed Engineering)**

Responsible for reviewing detailed design for Tangguh LNG Plant Project in Papua, Irian Jaya, Indonesia for BP Berau, Ltd. Martin was responsible a technical QC building design in all area of on Tangguh LNG Project (Control building, main station, substation, workshop etc.), coordinate technical with subcontractor to produce quality calculation report, engineering drawing, shop drawing and construction drawing.

**May/03 – Jul/05 Company: TB Consultant**

**Position: Principal Structural Engineer**

**Project: Grand Indonesia – Djarum- Indonesia (FEED & Detailed Engineering)**

Responsible for analysis and design of the commercial mix-used structures consist of 53-story Office, 53-story Apartment, 6-story Mall and 3-level Basement. Prepared detail calculation report of structural analysis-design utilising structural and earthquake engineering program.

**Nov/01 – Apr/03 Company : TB Consultant**

**Position: Principal Structural Engineer**

**Project: Plaza Ekalokasari – Indah Pesona Bogor - Indonesia (Concept, FEED & Detailed Engineering)**

Conducted structural analysis and design of 10-story Mall and 3-level Basement. Martin was responsible for quality of calculation design report and drawing. Verified and analysed static and dynamic behaviour of the building.

**Aug/98 – Oct/01 Company: Computer & Structure, Inc.(CSI)-TB**

**Position: Technical Structural Supporting Engineer (Sole Agent Software Developer) in Indonesia**

**Project: Maintaining and Technical Supporting - Indonesia (Concept & Detailed Engineering) ETABS, SAP2000 and SAFE**

Responsible for technical structural support and service for the license holder of the CSI’s product in Indonesia. The products are analysis and design software for structural and earthquake engineering which is used by various industries

**Nov/93 – Jul/98 Company: TB Consultant**

**Position: Structural Engineer**

**Project: Earthquake Engineering - Indonesia (Concept& Detailed Engineering)**

Responsible for conducting survey, structural damage analysis and building failures on earthquake disaster areas in Indonesia and prepared manual series e.g. Flores EQ (1992), Halmahera EQ (1994), West Sumatra EQ (1994), South Sumatera EQ (1995), Irian Jaya EQ (1996). Martin made quarterly report of West Lampung Emergency Reconstruction Project on Quality Assurance Funded by The Asian Development Bank (ADB) 1995-1997.

**Aug/95 – Jul/96 Company: TB Consultant**

**Position: Structural Engineer**

**Project: Santika Manado Hotel - Grawita Santika – Indonesia (Concept, FEED & Detailed Engineering)**

Responsible for conducting the design and analysis of three 4-story hotel, 2-level basement, bungalows, and jetty. Conducted the quality of design calculation and drawing.

**Aug/94 – Jul/95 Company: TB Consultant**

**Position: Structural Engineer**

**Project: Radisson Kota Bukit Indah Plaza Hotel - Salim Group - Indonesia (Concept, FEED & Detailed Engineering)**

Responsible for designing of hotel facilities 4-story building and its utilities. Conducted the quality of calculation design, MTO and drawing.

**Sep/93 – Jul/94 Company: TB Consultant**

**Position: Structural Engineer**

**Project: Radisson Jogyakarta Hotel- Salim Group – Indonesia (Concept, FEED & Detailed Engineering)**

Responsible for designing of hotel facilities 4-story building and its utilities. Conducted the quality of calculation design, MTO and drawing.

**May/92 – Aug/93 Company: TB Consultant**

**Position: Structural Engineer**

**Project: Jakarta Hilton Convention Centre & Lagoon Tower– Indobuildco – Indonesia**

**(Detailed Engineering)**

Responsible for steel and concrete detailed engineering of Jakarta Hilton Convention Centre& 17-story+2 level basement of Lagoon Tower Hilton, calculation report, foundation design, check drawing, MTO and periodical engineering visit on the construction site.

**Jun/91 – Apr/92 Company: TB Consultant**

**Position: Structural Engineer**

**Project: Ariobimo Central Office – Ariobimo Perkasa – Indonesia (Detailed Engineering)**

Responsible for detailed engineering for structures of 17-story+2 level basement Ariobimo Central Office, calculation report, foundation design, drawing check, MTO and periodical engineering visit on construction site.