

Zwe Khant Lwin

Geotechnical Engineer

ABOUT ME

I am an experienced Geotechnical Engineer (Site Engineer) with over 5 years of hands-on expertise in geotechnical engineering, specializing in site investigations, soil testing, foundation design, and ground improvement techniques. Throughout my career, I have successfully contributed to various construction projects by delivering innovative and practical solutions to complex geotechnical challenges. Holding both a Master's and Bachelor's degree in Engineering Geology, I possess a strong technical foundation coupled with a results-driven mindset. I am eager to bring my skills, knowledge, and passion for geotechnical engineering to a dynamic team focused on achieving excellence in construction and engineering projects.

JOB & EXPERIENCE

Oct.2018 – Mar.2020
Energy World Co.,Ltd

Geotechnical Engineer

Projects Description

- Geotechnical Investigation for Myogyi Multipurpose Dam Project, Myanmar, (2018) Msc Thesis,
- New Mandalay Resort City Project in PyinOoLwin Township, Mandalay, Client-Surbana International Consultant (2018).
- PEGU Project in Pegu Economic Zone, Pegu Township (2019). Client Zhengbang (Myanmar) Farms Co.,Ltd.
- Pressure meter Test for Agriculture Income Improvement Project in Sagaing District, Client-Department of Rural Road Development (2019).
- Shwe Bone Pwint Pagoda Grouting Project in Taung Gyi Township (2019)

Duties and Responsibilities,

- Site & Geotechnical investigation works for various projects.
- Performing Physical Properties and Mechanical Properties for Soil.
- Supervised for Standard Penetration Test, Dynamic Cone Penetration Test, Sand Cone test and Pressure Meter test (Menard).
- Recorded Field Bore Logs, N value and Ground Water level.
- Soil and Rock Sampling and classification.
- Prepared geotechnical report for project, including recommendations for the depth and type of foundation, bearing capacity.
- Analysis of liquefaction and laboratory soil test.
- Drew the Soil Profile and Bore Logs by using AutoCAD Software.



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No.35,Ramkhamhaeng 50, Bang Kapi District, Bangkok 10240

PERSONAL INFORMATION

DOB :14 Apri 1995
Gender : Male
Marital Status : Single
Availability : Immediately
Expected Salary : (Nego)

SKILLS

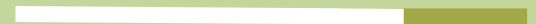
Teamwork



Time Management



Leadership



Interpersonal Skills



Fast Learner



JOB & EXPERIENCE

April.2020 – April.2024
Tokyu Construction Co.,Ltd
QC Engineer

Yangon-Mandalay Railway Improvement Project Phase I
Duties and Responsibilities,

- Responsible for Field Density Test (Sand Cone Test and Electrical Density Gauge).
- Analyzed and Tested samples in the Laboratory for Moisture Content, Specific Gravity, Atterberg's Limit, Particles Size Analysis Test, Compaction Test, CBR Test
- Prepare boring record and submit to Bore Piling record to main contractor after pile cast
- Tested Coarse and Fine Aggregate (Grading, Specific Gravity and Absorption, Abrasion, Sand Equivalent, Clay Lump and Friable Particle Test etc.)
- Liaise with site Engineers and Sub-contractors to ensure that all site soil testing activities are performed as per schedule
- Conducting site geotechnical investigative work to analyses the condition of embankment and to determine the appropriate location for testing requirements
- Ensure all quality inspection, field and laboratory test reports are captured and maintained.
- Responsible for organizing and managing the Laboratory activities and preparation of documentation for site and laboratory test results.
- Assist QC Chief and Laboratory Chief in drafting / Formatting Quality Control forms and other Laboratory documents.
- Able to supervise workers and labours force.

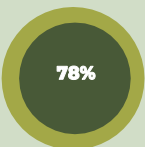
Dec.2020 – Present
Singapore-based Geotechnical Engineer Company(Remote)
Duties and Responsibilities,

- Input and organize geotechnical field data (e.g., Standard Penetration Test [SPT] results) into structured Excel spreadsheets for analysis and reporting.
- Record and manage instrumentation monitoring data (such as piezometers, inclinometers, or settlement markers) in Excel to support site performance evaluation.

Oct.2024 – Apri.2025
KMIT Construction Co.,Ltd(Thailand)
Assistant Surveyor
Duties and Responsibilities,

- Perform accurate levelling and marking for walls, doors, and tile lines based on construction plans.
- Assist in setting out construction points and ensuring correct alignment of structural elements.
- Take measurements using surveying tools and maintain accurate data records.
- Support senior surveyors in site inspections and surveying activities.

LANGUAGES



English



Myanmar

REFERENCES

Mr. Toru NAGAI
QA/QC Manager
E. nagai@tokyucnst-mm.com

Mr. Donald
QC Chief
E. donald@tokyucnst-mm.com

EDUCATION

2011 -2016
BS.c Hons (Geology)
Yadanabon University

2016 -2018
MS.c (Engineering Geology)
University Of Yangon

EXPERTISE

Soil and Rock Mechanic



AutoCAD



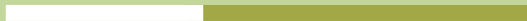
Microsoft Office



Adobe Photoshop



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CERTIFICATIO

Apri - 2016
M.G.S (Engineering geology) – Myanmar
Geosciences Society
May - 2017

Certificate in Auto CAD Intermediate Course for
2D,3D, Isometric, Dimension & Printing

Dec- 2019
Transformational Leadership Journey
(February,2019)

HOBBIES



SUMMARY

I am a skilled Geotechnical Engineer with extensive experience in geotechnical design and analysis. I am eager to contribute my expertise to support the growth and success of a dynamic construction company. Thank you for your consideration, and I look forward to the opportunity to discuss how I can add value to your team.

With Respect,
Zwe Khant Lwin
(+66) 931305203 (WhatsApp)