

# Curriculum Vitae

## PERSONAL

Name	PATTARAPOL KRAJANGSAWASDI
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Email	pattarapol_kr@hotmail.com
Date of birth	1 June 1992
Place of birth	Bangkok, THAILAND
Nationality	THAI

## EDUCATION

1. Bachelor of Engineering (Civil Engineering), Kasetsart University
2. M.B.A. (Financial), Kasetsart University

## MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

1. Professional Civil Engineer, Council of Engineers, License no. ๙๕.14597

## EMPLOYMENT RECORD

July 2014 to December 2021

Employer	TEAM Consulting Engineering and Management PCL.
Position	Construction Supervision Engineer (Civil, Trackwork)

December 2021 to Present

Employer	Asia Era One Co., Ltd.
Position	Civil Engineer (Dec 2021 - Oct 2023) Civil and Trackwork Manager (Nov 2023 - Present)

## WORK EXPERIENCE

July 2014 to December 2021 (7 Years 6 Months)

Construction Supervision Engineer at MASS TRANSIT SYSTEM PROJECT IN BANGKOK (REDLINE)

BANGSUE-RANGSIT SECTION consisting of three contracts., Responsibilities are as follows:

1. Construction supervision of LD train maintenance building of 15,000 sq.m.  
Include: Pile driving work 1,660 ea., Foundation work 663 ea. Steel structure work, Reinforced concrete structure work.

2. Construction supervision of Railway work (meter gauge) for Freight train stabling yard and LD train railway.  
Include: Earthwork for freight train stabling yard (ballasted track) total 135,000 sq.m., ballasted track length 30,000 m., drainage system.
3. Construction supervision of Railway work (meter gauge) for CT train stabling yard.  
Include: Earthwork for ballasted track total 20,000 sq.m., ballasted track length 12,600 m., drainage system.
4. Construction supervision of Mainline ballastless track length 26,000 m. per track (4 tracks in mainline).
5. Construction supervision of Bulk substation.  
Include: Pile driving work 112 ea., Foundation work 37 ea., Steel Reinforced concrete structure work.
6. Coordination with SRT's department to remove or relocate the railway that obstructs the work of the project. And verify the materials moved.
7. Verify the amount of work completed and documents of the disbursement of the work. To be accurate in accordance with the contract and payment.
8. Verify shop drawing and As-built drawing of civil work, structural work, and construction of railway system.
9. Survey and report any structural and architectural damage caused by construction work.

December 2021 to Present

Maintenance period at Airport Rail Link Project (Phayathai station to Suvarnabhumi station)

Responsibilities are as follows:

1. Oversee the Engineering and Maintenance (E&M) tasks including preventative, corrective, overhaul, upgrade / modification / improvement works, by supporting and supervising the works performed by the Maintenance Contractor, inhouse staff and others to achieve Contract Key Performance Indicators (KPIs), to ensure safe and reliable railway operations in accordance with the Maintenance Management Procedure (OPS-300033).
2. Perform budgetary planning activities, followed by monitoring and controlling cost, quality, and schedule performance.
3. Perform procurement activities by identifying needs, preparing justification, technical specifications / requirements, and coordinate with others such as the Maintenance Coordinator, Procurement, Commercial as necessary for sourcing and approval. Oversee the technical performance of Suppliers, Contractors, Consultants, or other Service Providers as required to provide material, or perform works or services, including review & approval of submissions,

material receiving inspection, factory or site inspection, work acceptance tests, verify work done, etc.

4. Prepare and communicate timely, and accurate Engineer's Reports on E&M activities, asset conditions & issues, including real-time updates on Group Apps, support with preparation of daily and weekly status reports detailing progress, failures, and incidents.
5. Perform failure analysis, troubleshooting to establish root cause, impact to Operation, corrective actions taken to restore, and preventative measures to prevent reoccurrence, and chair or attend daily, weekly, and other meetings as necessary to discuss.
6. Perform review of, response to & preparation of letters, instructions, documents, request for information, meeting minutes, etc. timely, seeking input from others, as necessary.
7. Perform interface coordination with internal and external stakeholders as necessary, including integration with the future extensions to City Line and new High-Speed Rail (HSR) Project.
8. Keep up to date all related documents such as Maintenance Plans, Procedures, Work Instructions, Method Statements, Job Safety Assessments, Schedules, Budgets, Test Procedures, Inspection Checklists, Records, Standards, Designs, Specifications, Drawings, Schematics, Studies, Reports, etc.
9. Oversee the availability of spare parts and maintenance equipment including inspection vehicles, workshop equipment, jigs, tools, test equipment, workstations, software, etc., as necessary to perform maintenance tasks, including calibration, certification, and training.
10. Coordinate with others as necessary for the Engineering and Maintenance needs, including Work Planning & Performance, Configuration Control / Change Management, Document Control, Training & Competency (T&C), Stores, Fault Reporting Centre (FRC), etc. using the Computerized Maintenance Management System (CMMS) and Integrated Management System (IMS).
11. Perform any other duties as assigned by the Infrastructure and Building Manager.
12. Promote HSQE culture in the workplace, including compliance with the latest applicable Thai HSQE standards and regulations, reporting unsafe acts and unsafe conditions.
13. Follow company HSQE Policies, Procedures, and Instructions
14. Strive for zero safety incidents, report any unsafe act or condition.
15. Perform, review, and approve hazard analysis and risk assessments for work activities and eliminate hazards as far as practical using the Job Safety Analysis (JSA) process.
16. Support the HSQE department for audit activities.
17. Support HSQE to close Incident Reports and actions, Corrective Action Reports (CARs) or Preventative Action Reports (PARs).
18. Maintain the Safety Critical maintenance for Civil and Trackwork, including prevention infringements of the Railway Protection Zone, Clearance Envelope, security of architectural fixtures & fittings,

monitoring for, and managing structural deficiencies, rail defects to prevent train derailment, including interface with others such as facilities team, rolling stock, OCS, etc. and general safety for public, passengers, staff, contractors, and others for the use of the City Line railway system.

19. Maintain 24-hour on-call support in case of incidents and emergencies related to the Civil and Trackwork in accordance with the Incident Management Manual (OPS-300026), including 24 hours on-call.

20. Focus on Safety Critical items, and Operations Hazards in accordance with the Operations Hazard Log (OPS-300041).

LANGAUGES	Speaking	Reading	Writing
Thai	Good	Good	Good
English	Fair	Fair	Fair