

RESUME: Mr. Nhatdaphol Napapornsin



Year **2000**



Present 2021

KEY QUALIFICATIONS

I am an electrical and technical engineer with thirty years' experience in rail industry and construction projects.

My skills include M&E quantity Survey, project coordination and management on local and mass transit systems. The achievements have included managing the delivery of multi-disciplinary engineering works for construction project in Thailand and various countries.

Professional experience also includes leading and managing technical staff, as well as project planning and contracts administration. I am fair in English and fluent in Thai.

ACADEMIC QUALIFICATIONS

1986 – 1990

Bachelor of Engineering, Electrical, King Mongkut's Institute of Technology Ladkrabang, Thailand

PROFESSIONAL AFFILIATIONS

Registered Electrical Engineer (Power) – Board of Engineering Professional Organization (Thailand)

OTHER TRAINING

1996	Certificate in Project Management (Mini MBA), Chulalongkorn University, Bangkok, Thailand
2002	ISO Training Awareness
2009	Track Safety Awareness Training, NSW, Australia
2009	Occupational Health and Safety Construction Induction (OHS), NSW, Australia

COMPUTER SKILLS

Microsoft Project, Microsoft Word, Excel, PowerPoint, Google Earth

PERSONAL DETAILS

Date of Birth: 2nd August 1965
Nationality: Thai
Language: Fluent in Thai; basic in English
Gender: Male
Height/Weight: 166 cm / 65 kg
Marital Status: Married
Tel/Cell No: +668 9921 6056
Address: 109/138 moo 2, Mahasawat, Bang-Gruay, Nonthaburi, Thailand 11130
Email: nhatdaphol@gmail.com

RELEVANT EXPERIENCE

2019/07 – 2021/06 Asian Engineering and Consultant

Project Co-ordinator; (C4-6, C4-7)

Civil work and M&E Contract of the Cooperation between the Government of the Kingdom of Thailand and the Government of the People's Republic of China on Bangkok – Nong Khai HSR Development for Regional Connectivity (Section 1 Bangkok – Nakhon Ratchasima)

- Coordinate with utility organization (PTT, Thappline, PEA, EGAT, PWA, Gulf) to elevate, relocate HV Transmission line, underground cable, water pipe, fuel and gas pipe line

2012/01 – 2019/06 Wisit Engineering and Consultant

Quality Assurance Specialist; (2016 - 2019)

Mechanical and Electrical Supervision Consultant, The MRTA Blue Line Extension Project

- Quality system implementation,
- Monitoring and control the Contractor's Quality assurance process to improve working performance of M&E Contractor

Quantity Surveyor Specialist; (2014 - 2016)

The MRT Green Line Project, Bearing-Samutprakan Section C1:
Civil Works/E&M.

- Payment evaluation, calculation and re-measurement of work progress,
- Valuing completed work and arranging for payments,
- Evaluate variation order documents, including bills of quantities of the E&M contractor

Utility Engineer; (2015)

Feasibility study and detailed design of Bangkok – Nong Khai High Speed Rail Project; Phase 2: Nakhon Ratchasima – Nong Khai (RNSR)

- Interface coordination with state agencies for information of infrastructure design of the consultant group and
- prepare utility relocation-engineering report

Assistant Utility Engineer; (2014)

Feasibility study and detail design of The Airport Link Extension Suvarnabhumi airport - Chon Buri - Pattaya to Rayong (ALSR)

- Interface coordination with state agencies for information of infrastructure design of the consultant group and
- prepare utility relocation-engineering report

Signalling Engineer; (2014)

Feasibility study: The MRTA Blue Line Extension station Bang Khae - Phutthamonthon Sai 4 section. (2014)

- Feasibility study and preliminary engineering design of the extension train operation and signalling system

Signalling Engineer; (2012 - 2014)

Mass Transit System Silom Line Extension (Taksin-Petchkasem), (S9-S12)

- Consulting the signalling and engineering solution to meet the specification and requirement
- Review engineering and technical document
- As the consultant for all program and planning issues on Rail System & System Integration

2011/01 – 2011/05 &

AS. Associate Engineering

Signalling Engineer;

Mass Transit System Silom Line Extension (Taksin-Petchkasem), (S7-S8)

2007/01 – 2009/09

- Approving variations to the contract, and endorsing milestone payments by ensuring completeness of works to agreed references
- Prepare and review and evaluate technical specification, engineering standard, scope of work, material and design
- Monitors and supervises technicians/ engineers and related construction and installation activities
- Negotiate with sub-contractors and supplier, co-ordination, control and supervising the work of the sub-contractor

2009/09 –2010/06

MGB / Ansaldo

V&V Tester; ARTC Project, Australia

- Supervising, training and mentoring new assistant tester for FAT
- Perform functional test on site testing and commissioning
- Consulting technical and engineering solution

1999/03 –2006/12

**Bombardier Transportation Signal (Thailand)
Site Manager; SRT Track doubling Project**

- Managing a team of specialist Signalling engineers, providing Signalling and electrical system design services,
- approving variations to the contract, and endorsing milestone payments by ensuring completeness of works to agreed references,
- producing and updating schedules and presenting the progress of works to the client,
- setting up and administering the safety approval and certification process
- working with the client and suppliers to formulate strategies for project delivery

Sr. Engineer (Designer and Tester)

- Computer Base Interlocking Testing of Wayside object, including track circuits, points machine, signals and object controller.
- Responsible for TI 21 M Track Circuit Testing and Maintenance on Tehran Metro L2.
- Taiwan ATP Onboard System and Wayside Installation
- Relay interlocking System testing; Larissa to Thessaloniki Line Re-Signalling (Greece 509) Project (Lithoro and Leptokalia Station
- Responsible for ATP Coding Table design, check and review; Bucharest Metro Line 2 Project

1993/03 –1999/02 &
1990/06-1992/02

**Loxley Public Company (Thailand)
Sr. Engineer (Installation/ Site Manager)**

- Responsible for Relay Interlocking system design and electrical re-installation (Electro-Mechanical Inter-Locking system project).
- Responsible, as the leader of 30-installation staff, for assisting GEC-ALSTHOM Hong Kong to complete the installation program from Hong Kong to New Airport; (Lantau-Airport Railway Project) GEC-ALSTHOM; 552-LAR contract (Signalling).
- 4 Months Secondment to Sapura Holding, carrying out installation and testing on Signalling works; (from Kajang to Seremban and Port Klang); Kuala Lumpur Metropolitan Re-Signalling Scheme: Commuter Train Project (Malaysia).
- Supported Westinghouse (UK.) with installation and testing on Relay Interlocking System– MapTaphut Railway Project (1994-1995) and Sriracha - laem Chabang Railway Project (1993)

1992/02-1993/02

**GEC General Signal Limited
Assistant Installation Supervisor and QA**

- Supervising installation and testing on SRT Southern Line Re-Signalling and Colour Light Signal Project.

Summary of Project Involvement

- State Railway of Thailand: Cooperation between the Government of the Kingdom of Thailand and the Government of the People's Republic of China on Bangkok – Nong Khai HSR Development for Regional Connectivity (Section 1 Bangkok – Nakhon Ratchasima)
- MRTA Blue Line Extension Project: Toapoon – Thaphra - Hua Lamphong
- MRTA Green Line Project: Bearing-Samutprakan Section C1: Civil Works/E&M.
- State Railway of Thailand: Bangkok – Nong Khai High Speed Rail Project; Phase 2: (RNSR)
- State Railway of Thailand: Airport Link Extension Suvarnabhumi airport - Chon Buri - Pattaya to Rayong (ALSR)
- MRTA Blue Line Extension station; Bang Khae - Phutthamonthon Sai 4
- BTS Extension Project S9-S12, Thailand
- Ansaldo-ARTC, Australia
- BTS Extension Project S7-S8 and S9-S12, Thailand
- State Railway of Thailand: Double Tracking Railway Signalling ST2 & ST3 Projects, Thailand
- Taiwan Automatic Train Protection, Taiwan
- Tehran Metro Signalling & ATP, Iran
- Bucharest Metro Line 2 Project, Romania
- Larrissa Signalling, Katerini – Greece
- Pekten Project, China
- Lantau Airport Railway Project, Hong Kong
- Commuter Train Project, Malaysia
- State Railway of Thailand: Sattahip to Map Ta Phut Signalling Project, Thailand
- State Railway of Thailand: Laem Chabang Railway Project, Thailand
- State Railway of Thailand: Southern Line Re-Signalling and Colour Light Signal Project, Thailand