



# Mr. Montree Chalermathan

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A successful Track work (TRW) engineer with extensive experience more than 10 years carrying out effective, efficient Maintenance Engineering and Project Engineering in Railway System. Working with attention to accuracy, quality and safety standards to ensure faultless service.

The MRT Blue line Extension, MRT Blue line section 1 (BAN-TAO), MRT Blue line Initial are the reference.

**Want to bring knowledge and past experience to improve the technical capabilities of the trackwork system (TRW) and to develop the knowledge that is constantly being updated.**

## EXPERIENCE

### 2005 – PRESENT

#### **POSITION TRACK WORK ENGINEER, BANGKOK EXPRESSWAY AND METRO PUBLIC COMPANY LIMITED (BEM)**

- Responsible for and maintain the TRW track system (20 Km.) in the MRT Blue Line.
- Execute the reliability of the TRW track system to achieve KPIs against concessions.
- Update monthly report for operations and outage summary
- Provide preventive and corrective maintenance and work instructions to be performed on the equipment.
- Support engineering services to respond to unusual incidents
- Effectively control and monitor contractor maintenance resources such as workers, tools, training and spare parts.
- Audit TRW tools according to outdated concession contracts and reduced service life.
- Engage in working with the project team to expedite projects timely.
- Final design inspection and guidance, detailed design for customized pre-installation
- On-site inspection to verify quality testing and commissioning procedures to increase the punch and defect contacts.
- Establish and assess the risks and impacts on the track system. TRW, then provide appropriate mitigation.
- Plan and manage workforce to suit the workload of each month.
- Provide advice and advice on problems that occur on the job site with the chief technician.
- Prepare purchase order and issue scope of work to find contractors for general contracting work.
- Check the methods statement of the contractor's work in order to comply with the Company's regulations.
- Coordinate track outage requests and restrictions.
- Attend construction activities planning meetings.
- Support coordination of construction activities between design-build.
- Develop and maintain good working relationships with contractors and engineering partners.
- Perform field inspections and reporting of contractor's work during scheduled outages.
- Prepare technical reports from field oversight and site visits to be shared with the client and relevant partners.
- Prepare meeting documentation (memos, minutes, agenda) upon request.

## EDUCATION

**2018**

**Bachelor of Engineering, Kasem Bundit University.**

Major: Industrial Engineering.

## SKILLS

- Maintenance Engineering
- Project Engineering
- Trackwork (TRW) Engineering in Subway
- Risk Assessment
- Root Cause Analysis (RCA)
- Risk Base Maintenance (RBM)
- Whole Life Asset Management (WLAM)
- Experience Rail Welding CRW method
- Computer Program (SAP)
- Microsoft Office
- Budgeting
- Team management
- Leadership
- Systematic Thinking
- Writing and Speaking in English.
- Experience Nondestructive testing (Rail Ultrasonic )

## PORTFOLIO

- **2006:** Join the team to address the risk of reducing rail anchor fracture. In a narrow curve at  $R \leq 200$  m. By increasing the anchor bolt from 2 to 4 in a narrow curve at  $R \leq 200$  m.
- **2009:** Join as one of the teams participated in the track measurement and surface rail grinding for the Airport Rail Link (ARL) project with support for China Railway.
- **2010:** Join as one of the team members to investigate the cause and set track criteria to identify the condition of the track that will be fixed and available at all times.
- **2017:** Lead the cause investigation and devise solutions to minimize the risk of track fractures in narrow curve at  $R \leq 200$  m.