

A. MOHAMED THARIK

Project Engineer | Structural Steel Engineer | Fabrication & Erection Engineer

Mobile: +974 55803873 | Email: mdtharik18@gmail.com

PROFESSIONAL SUMMARY

- Mechanical Engineer with 9+ years of GCC experience in structural steel fabrication, erection, project execution, estimation, costing, and engineering coordination. Successfully managed structural steel projects with a combined value exceeding QAR 5.1 million and approximately 485+ tons of steel fabrication and erection. Proficient in STAAD.Pro, PROKON, IDEA Statica, Tekla Structures, and AutoCAD, with knowledge of AISC, Eurocode, and BS EN design standards. Experienced in material take-off (MTO), BOQ/BOM preparation, structural analysis, project planning, and coordinating with clients, consultants, and subcontractors to deliver project safety, on time, and within budget.

CORE SKILLS

- Structural Steel Fabrication & Erection
- Project Engineering & Site Supervision
- Shop Drawing, GA Drawing, Fabrication Drawing Review
- Material Take-Off (MTO), BOQ/BOM Preparation
- Estimation, Planning and Scheduling
- Client, Consultant & Subcontractor Coordination

SOFTWARE SKILLS

- STAAD.Pro – Structural analysis & design of steel structures
- PROKON – Structural foundation analysis & design application
- IDEA Statica – Steel connections design & verification
- Tekla Structures – Structural modelling, Detailing, GA & Fabrication drawings
- AutoCAD
- MS Office

STRUCTURAL ENGINEERING KNOWLEDGE

- Steel structure load analysis: Dead Load, Live Load, Wind Load, Seismic Load, Temperature Load
- Structural analysis using various Load Combinations
- Foundation and Connections load analysis
- Structural detailing and fabrication coordination
- **Design codes:** AISC 360- 10, ASCE 7- 05, ACI 318- 05

KEY ACHIEVEMENTS

- Successfully managed structural steel projects with a combined value exceeding QAR 5.1 million
- Executed and coordinated approximately 480+ tons of structural steel fabrication and erection work

- across commercial and residential projects
- Delivered structural steel projects on schedule while maintaining quality, safety, and client requirements
- Prepared accurate material take-off (MTO), BOQ/BOM and project cost estimates for tendering and execution
- Coordinated with clients, consultants, subcontractors, and fabrication teams to ensure smooth project execution and timely delivery
- Performed drawing reviews (GA, IFC, and fabrication drawings) and provided engineering support to resolve technical issue during fabrication and site installation

PROFESSIONAL EXPERIENCE

ACCOMODATION & STEEL STORAGE BUILDING PACKAGES IN INDUSTRIAL AREA, QATAR (Nov'24 – Dec'25)

- Managed and execution of a QAR 1.8 million structural steel project involving approximately 160 tons of steel fabrication and erection.
- Working as a project Engineer for the construction of accommodation facilities and steel storage building in Qatar.
- Coordinated site execution, material planning, drawing review, quality inspection, and project progress
- Prepared material take-off (MTO), BOQ/BOM and project cost estimation for structural steel works, supporting tendering and procurement activities
- Monitored quantities and ensured timely project completion.
- Review and interpret construction drawings, specification, and ensure execution as per project requirement.
- Coordinate with consultant, clients, subcontractor and site team for smooth project delivery.
- Plan daily/weekly work activities and monitor.
- Manage material requirements, quantity tracking and ensure proper utilization of resources.
- Conduct site inspection and ensure compliance with quality standards and safety regulations.
- Resolve technical issues on site and provide engineering support to avoid delays.
- Prepare and submit daily progress report and coordinate project documentations.

GEWAN ISLAND BUILDING PACKAGES, PEARL QATAR (May'22 – Aug'23)

- Executed a QAR 2.4 million structural steel package involving approximately 240 tons of HDG structural steel
- Fabrication and erection of HDG steel tube (Slab to slab connection) for external marble cladding as per client drawing
- Have good knowledge in understanding the drawings of the client
- Prepared material estimation, BOQ/BOM, supplier enquires, and quotations
- Enquire on the materials suppliers on cost basis
- Prepared quotation based on BOM, and suppliers cost and get it approved by manager
- Planning of manpower estimation and day wise work schedule
- Preparation of day-to-day activities for the sub-contractors and monitoring accordingly
- Assisting the sub-contractors for man power support from the main contractor
- Supervised fabrication, erection, inspections, and client coordination
- Requested inspection to the consultant for the completed work & prepare invoice

LUXURY APARTMENT & HOTEL, LUSAIL (Jan'22 – Jun'22)

- Delivered a QAR 0.9 million structural steel package involving approximately 80 tons of fabricated steel

- Fabrication of HDG H- track as per the client drawing
- Coordinated fabrication modifications, consultant approvals, and site supervision
- Get approval from consultant on the manipulated fabrication process
- Prepared material calculation and monitored project execution
- Supervising the site work and reporting to the manager
- Always followed the safety measures throughout the project

AL WATTAN AL ARABI PROJECT WLL, QATAR (May'17 – Dec'22)

- Fabrication and erection sheds for stores and accommodation.
- Fabrication and erection of ATV trailers which is having double platform operated by hydraulic cylinders.
- Chassis Extension for heavy trucks without affecting the original strength
- Fabrication of drinking and non-drinking water tanker, diesel tanker, covering body for four/six wheels
- Fabrication of chassis for crane mounted system and covering body (Boom truck) with installation
- Preparing quotation based on customer needs.
- Preparing auto cad drawing as per customer requirements.
- Collection of material cost, quality, and quantity from various steelmanufacturer
- Supervise the work every day and reporting to manager & prepare invoice

SAF TRANSPORTING SERVICES, QATAR (Jan'16 – Jan'17)

- Fabrication of flatbed trailer, sewage vacuum tanker, diesel tanker, drinking and non-drinking water tanker, recovery vehicle
- Fabrication of covering body along with steel crates with installation for four wheels
- Prepared quotation based on customer needs and arrange material & manpower for work
- Collection of material cost, quality, and quantity from various steelmanufacturer

TSUGAMI PRECISION ENGINEERING INDIA PVT LTD (Sep'14 – Dec'15)

- Machine Assembly as per master list i.e., CNC lathe, Swiss type automatic lathe.
- Exposure in Installation & Commissioning of CNC Machines & Troubleshooting.
- Rendered service for CNC machine and worked in CNC machine up to 6 axes.
- Good knowledge from CNC turns mill Center, CNC turning machine, Swiss type automatic lathe with bar feeder.

EDUCATION

- Bachelor of Mechanical Engineering - 2014

PERSONAL DETAILS

Name	:	Mohamed Tharik
Nationality	:	Indian
Languages Known	:	English, Tamil, Hindi, Malayalam
Mobile	:	+974 55803873
Email	:	mdtharik18@gmail.com