SAMEER KALLARA PURAYIL Steel Detailing Lead /BIM Modeler (CIVIL/STRUCTURAL)



Designation : Steel Detailing Lead/BIM Modeler Current Company : Tiger Steel Engineering LLC

Phone: +971- 502784386 E-mail: smr\_kp@yahoo.com

Total Experience : 17.0 Yrs Current Location : Sharjah,UAE

**SUMMARY OF EXPERIENCE**

• I have over 17+ years of continuous experience in the field of Structural Steel Checking/Detailing/Project-coordinating((U.S.A , Canadian, British & Indian standards) with extensive experience in the full life cycle of the shop drawing preparation process including plan and design interpretations, advance material list preparation, project queries coordination (RFIs) , Checking shop drawings and project Management.  
  
•Checking the Erection/Anchor bolt plans and Fabrication details and make sure erection feasibility.  
  
•   Coordinate and lead structural steel projects from beginning to end according to deadlines, the customer and project specifications. Handle with clients, detailers, Fabricator and Erector for executing new projects  
  
•   Studying of client architectural, civil and structural drawings for the preliminary material take off and cutting plans.  
  
•   Interact with Client and prepare RFI sketches, getting approval from client in advance.  
  
•   Understand each project thoroughly, and develop all necessary steps, project milestones, and organize all aspects of the project from start to finish.  
  
•   Keep track of all changes done during fabrication and erection, which need to be incorporated into as built drawings..  
  
•   Modeling 3D structures and Prepare shop fabrication drawings with respect to AISC, ASTM & BS standards using Tekla structure, Bentley Structural-XM, Microstation and Auto cad.   
  
•   To guide junior steel detailers in all stages of detailing.  
  
•   People management.

•   Working as a Tekla Admin in a present company

**SOFTWARE TOOLS USED**

Tekla Structures Revit

Micro station Navisworks

Bentley Structural-XM Bim Collab

Auto CAD

**TRAINING AND CERTIFICATION**

Software training (Microstation, Bentley Structural-XM) at Hatch Associates India (P) Ltd.

Advance Training in Tekla Structure by Tekla , INDIA

Tekla Advance User Training (Tekla Admin ) From Tekla Middle East

**MAJOR PROJECTS (CAREER HISTORY)**

**1.** Dubai Waste to Energy ( Dubai Waste management Project)

One of the world’s largest waste-to-energy plants to be built in a single phase. The facility will process 1.9 million tonnes of municipal waste per year, produce approximately 200 MW of renewable electricity. The project is subject to a BOOT contract and includes financing, design, construction, and operations and maintenance of the facility for 35 years

(Current Project) Tiger Steel Engineering LLC, Sharjah, UAE

**2.** TORTUE HUB / TERMINAL – MARINE CIVIL WORKS

Tortue West gas field is located at a water depth of 2,850m in the Greater Tortue Complex, between the C8 block off the shore of Mauritania and the Saint-Louis Profond block off the shore of Senegal. It is being developed under the Greater Tortue Ahmeyim development project.

(From Jan2021 - May2021) Tiger Steel Engineering LLC, Sharjah, UAE

**3. Layyah Combined Cycle Power Plant**

Al Layyah Power Plant expansion Includes the construction of a new 1.026GW natural gas-fired combine –Cycle power plant with in the Layyah Power plant site in Sharjah.

(From Aug 2019 - march 2021) Tiger Steel Engineering LLC , Sharjah, UAE

**4. J-One residential Building Project**

Developed by RKM Durar Properties, J One Tower is the latest Off Plan development in Business Bay.

The residential tower will be another attractive landmark in Dubai.

( From JULY 2018 - Sep 2019) Tiger Steel Engineering LLC , Sharjah, UAE

**5. Liwa Plastics Industries Complex**

Liwa Plastics Industries Complex is a transformational project that will improve Orpic’s product mix and business model, double its profit and support the development of a downstream plastics industry in Oman. The project has six core components to it, A natural gas extraction plant in Fahud, 00km pipeline between Fahud and Suhar Industrial Port Area for gas transportation, An 800+kTA Steam Cracker Unit, HDPE Plant, LLDPE Plant &  Polypropylene Plant

( From Nov 2017 - June 2018) Tiger Steel Engineering LLC , Sharjah, UAE

**6. Warner Bros Theme Park (YTP Project) Abudabi**

7430 static and 178 animated props, 68 No show action equipment, 10,667m2 of rockwork, 23,420m2 of themed flooring, state of the art thrill rides, story boards, intellectual property and brand assurance, etc

( From Feb 2017 - Oct 2017) Tiger Steel Engineering LLC , Sharjah, UAE

**7. The Memorial Park Abudabi**

The 42,000 m² site is situated in the UAE capital, facing the majestic Sheikh Zayed Grand Mosque. A lasting tribute to the nation’s fallen heroes, the Memorial will comprise a series of metal panels each supporting the next, signifying ties between the Armed Forces, families and citizens at times of adversity.

( From June 2016 - Feb 2017) Tiger Steel Engineering LLC , Sharjah, UAE

**8. Al Dabbiya Surface facilities –Phase 3 (ADCO)**

The project is part of Adco’s North East Bab development programme and includes gathering crude oil through a network of pipelines, oil and gas export pipelines and a central process plant

( From July 2016 - Jan 2017) Tiger Steel Engineering LLC , Sharjah, UAE

**9. Midfield Terminal Building – Abu Dhabi Airport**

The MTC’s terminal building will be the largest in the Emirate of Abu Dhabi, and one of the region’s most architecturally impressive structures. Between 630,000 and 702,369 sqm. in size, the terminal will feature a 52 m tall ceiling at its highest point.

( From June 2014 - May 2016) Tiger Steel Engineering LLC , Sharjah, UAE

Web: <http://www.tigersteel.net/web/midfield-terminal-building>

**10. Dangote Fertilizer Plant Project – Nigeria (SAIPEM)**

It is a world scale fertilizer plant that should cover all the domestic consumption for ammonia and urea in Nigeria

( From Feb 2014 - June 2014) Tiger Steel Engineering LLC , Sharjah, UAE

Web: <http://www.2b1stconsulting.com/tag/dangote-fertilizer-project/>

**11. Automated People Mover, Dubai International Airport**

The APM (Automated People Mover) connects the new airside, Concourse 4, with the existing Terminal 1, consisting of a Pinched Loop Operation with a total length of 1.3 km of steel bridges.

( From May 2013 - Feb 2014) Tiger Steel Engineering LLC , Sharjah, UAE

Web: <http://www.tigersteel.net/web/automated-people-mover-dubai-international-airport/>

**12. Light Maintenance Hangars for Emirates Airlines**

The four Aircraft Hangar Bays carry outaircraft light maintenance for various sized aircrafts, including the A380, at the existingWest Apron of Emirates Engineering, DubaiInternational Airport.

( From Jan 2013 - May 2013) Tiger Steel Engineering LLC , Sharjah, UAE

Web: <http://www.tigersteel.net/web/light-maintenance-hangars-for-emirates-airlines/>

**13. EF5 STEEL MELT SHOP,QATAR STEEL**

EF5 project is a green field steel melt shop built adjacent to its main facility in Mesaieed Industrial City, Qatar. The facility has a designed capacity of 1.1 million MT/PA of Billets

( From July 2012 - Jan 2013) Tiger Steel Engineering LLC , Sharjah, UAE

Web: <http://www.tigersteel.net/web/ef5-steel-melt-shop-qasco/>

**14. MA’ADEN Aluminium Project,MA’ADEN Mine and Refinary Project (ALCOA - MA’ADEN )**

The Ma'adenaluminum project includes a bauxite mine, alumina refinery, aluminum smelter and “can sheet” rolling mill and will be located in the RasAzZawr.

Web: <https://www.hatch.ca/Mining_Metals/Light_Metals/Projects/ras_az_zawr_alumina.htm>

( From March 2011 - June 2012) Hatch Associates India Pvt. LTD. : Gurgaon

**15. BMA Haypoint Services, Haypoint Expansion Stage-3 (BHP BILLITON/MITSUBISHI)**

The third expansion of the Hay Point Coal Terminal will dramatically increase throughput capacity at one of the largest coal export facilities in the world

<https://www.hatch.ca/infrastructure/ports_marine/projects/hay_point_coal.htm>

( From Dec 2011 - March 2012) Hatch Associates India Pvt. LTD. : Gurgaon

**16. Gemco Groote Eylandt Expansion Project-GEEP 2 (BHP BILLITON GEMCO)**

Manganese Mining project including  fabrication of conveyors, conveyor transfer towers and a bypass facility

Web: <http://www.dawsonseng.com.au/projects-geep-2-structural-steelwork-fabrication.php>

( From Jun 2011 - Dec 2011) Hatch Associates India Pvt. LTD. : Gurgaon

**17. Westcliff Coal Preparation Plant, Coarse Coal Circuit Building (BHP BILLITON)**

one of two preparation plants operated by BHP Billiton Illawarra Coal (BHPB-IC), primarily producing metallurgical coal for Australia’s steel industry.

( From Jan 2011 - June 2011) Hatch Associates India Pvt. LTD. : Gurgaon

Web: <https://www.hatch.ca/Mining_Metals/Coal/Projects/west_cliff.htm>

**18. Prairie State Energy Campus Power Project, Lively Groove, USA**

One of the biggest private capital projects in Illinois, Prairie State Energy Campusprovides 1600 megawatts of power & created 2700 construction jobs.

( From Dec 2008 - Feb 2009) Bechtel India Pvt. Ltd : New Delhi

Web: <http://www.bechtel.com/projects/prairie-state-energy-campus/>

**19. MOTIVA Crude Expansion O&NG Project, Port Arthur Refinery, USA**

A huge Oil and natural gas project as a “Joint Venture” of Bechtel Corporation and Jacobs.

Web:<http://www.bechtel.com/newsroom/releases/2006/08/bechtel-jacobs-awarded-refinery-expansion-motiva>

( From Jan 2008 - Dec 2008) Bechtel India Pvt. Ltd : New Delhi

**20. Jamnnagar Export Refinery Project .Reliance India Pvt. Ltd.**

It is currently the largest refinery in the world.

Web: <http://www.bechtel.com/projects/jamnagar-oil-refinery/>

( From Jan 2006 - Feb 2007) Sieghart Engineers Pvt. Ltd. : New Delhi

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| **ORGANIZATIONAL EXPERIENCE** | | | | |
| **COMPANY NAME** | **LOCATION** | **START DATE** | END DATE | **DESIGNATION** |
| Tiger Steel Engineering LLC ,Sharjah,UAE | Sharjah, UAE | July-2012 | TILL DATE | BIM Modeler /Checker/Team leader |
| Hatch Associates India Pvt. LTD | Gurgaon, India | Jan-2011 | July-2012 | Structural Designer |
| Emirates Engineering Services And Factories | Fujairah, UAE | March-2009 | Nov-2010 | Structural Designer |
| Bechtel India Pvt. Ltd | New Delhi, India | Jan-2008 | Feb-2009 | Structural Designer |
| Eigen Technical Service Pvt Ltd (Laing- O’Rourke) | Gurgaon, India | Feb-2007 | Jan-2008 | Structural Detailer |
| Sieghart Engineers Pvt. Ltd. | New Delhi, India | July-2004 | Feb-2007 | Structural Detailer |

**ACADEMIC REVIEW**

Diploma in (Mechanical Engineering) Govt: Polytechnic, Kannur ,Kerala (India)2001 - 2004

Pre-Degree Calicut university Kerala (India) 1999- 2001

S.S.L.C G.H.S.S, kannadiparamba, Kannur Kerala (India) 1999

**PERSONAL DETAILS**

Date of Birth 28th May 1984

Marital Status Married

Religion Islam

Place of Issue Dubai

Language Proficiency English, Hindi, Malayalam & Arabic

Permanent Address C.H.House , Mathodam, Kannadiparamba, Kannur Dist. ,Kerala, India, 670604

Present Address PB NO: 6169 SHARJAH

Driving License Valid UAE& Indian Driving License

Visa Status Employment Visa

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