

## CURRICULUM VITAE

**Name & Surname** : ARUNKUMAR MURUGAN  
**Address** : 114, Solai Malai Ayyanar Kovil Street,  
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[arunkumar.anandh14@gmail.com](mailto:arunkumar.anandh14@gmail.com)



**Apply for** : SENIOR CIVIL & STEEL STRUCTURAL ENGINEER

### EXPERIENCE SUMMARY

I have total **12 –years EPC**-of professional experience in the project engineering phase of onshore Oil and Gas LNG, Power Plant, Steel Mill Plant, gas processing plant, EO & EG Plant, Refinery & petrochemical plant. As an Engineer of Fabrication, Modification and Erection of Tank & Structural steel construction, Civil Construction, Fireproofing, Cladding Installation and commissioning work in India and abroad.

#### ➡ Personal Data:

◆ Nationality : India  
◆ Sex : Male  
◆ Marital Status : Married  
◆ Date of Birth :26-04-1990  
◆ Place of Birth : Theni  
◆ Passport Number :S8118076

#### ➡ Educational Details:

DATA OF ACADEMICS			
Level	Name	Period	Certifications
College / <u>University</u>	Manava Bharthi University	2009-2012 (Distance Education)	Bachelor of Technology in Mechanical
College / <u>University</u>	Tamil Nadu Polytechnic College,Madurai,India	April-2009	Diploma Mechanical Engineering
College / <u>University</u>	Neptune Inspeccion Technologies, Trichy, India	April-2013	A.S.N.D.T(N.D.T) RT,UT,MT,PT(WELDING TEST)
<u>Higher Secondary Education</u>	Nadar Sarawathi Higher Secondary Education Theni, Tamil Nadu, India.	2005-2007	Higher Secondary Mechanical Certificate

## ➡ CONSTRUCTION EXPERIENCE:

**1: Client: DUQM REFINARY & PETROCHEMICAL**

**SAMSUNG ENGINEERING EPC LTD & PETROFAC**

**Position: SENIOR LEAD SUPERVISOR –**

**(Steel structure & Cladding work & Civil & Bridges  
Mechanical Structure, Fireproofing & Piping supporting)**

Period : 06<sup>th</sup> Apr- 2019 to 30<sup>th</sup> April 2021

Project: **Duqm Refinery Project –EPC-2-U & O**

**Client: DRPC -OMAN**

**Work Scope: Steel Structure -9000 Metric Ton**

**Fireproofing -11000 m<sup>2</sup>**

**Mechanical Derrick Structure -1234Metric Ton-180mtrs**



**2: Client: RAPID PROJECT PACKAGE #11**

**SAMSUNG ENGINEERING EPC LTD,  
PENGERANG, JOHOR BAHRU, MALAYSIA.**

**Position: SENIOR LEAD SUPERVISOR –**

**(Steel structure & Cladding work, Civil, Fireproofing  
& Bridges)**

Period : 24<sup>th</sup> Jan- 2017 to 30<sup>th</sup> Dec -2018

Project: (EO/ EG) Ethylene Oxide, Ethylene Glycol

**Client: PETRONAS SDN (BHD)**

**Work Scope: Steel Structure -6000 Metric Ton**

**Fireproofing -7974 m<sup>2</sup>**



### 3: Client: SWCC POWER PLANT PROJECT

**SAMSUNG ENGINEERING EPC Co. Ltd,**  
YANBU – 3, SAUDI ARABIA .

**Position: SENIOR LEAD SUPERVISOR –**  
**(Steel structure & Cladding work, Civil & Bridges**  
**Mechanical Structure, Fireproofing & Piping supporting)**

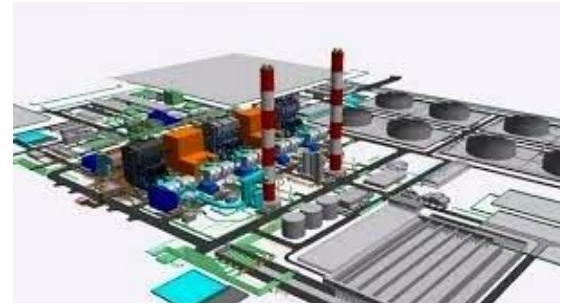
**Period : 24thDec- 2014 to 30th Sep-2016**

**Project: POWER PLANT**

**(Utilities & Offsite Project, E.P.C)**

**Project Client: SWCC (Saline Water Conversion Corporation)**

**Work Scope: Steel Structure -65000 Metric Ton**



**4: Client: LUKOIL PROJECT**  
**SAMSUNG ENGINEERING EPC Co. Ltd,**  
WEST QURNA 2ND PHASE, IRAQ .

**Position: SENIOR LEAD SUPERVISOR – (Steel structure**  
**& Cladding work, Civil, Mechanical Structure, Fireproofing**  
**& Bridges)**

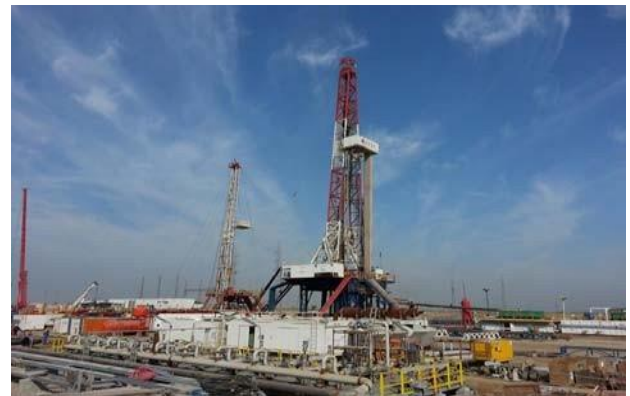
**Period : 8th May, 2013 to 30th Jun, 2014**

**Project: LUKOIL PLANT**  
**(Utilities & Offsite Project, E.P.C)**

**Project Client: SOC (South oil Company in Iraq)**

**Work Scope: Steel Structure -8000 Metric Ton**

**Fireproofing -12125 m2**





**5: SULB STEEL MILL PROJECT**  
**SAMSUNG ENGINEERING EPC Co. Ltd,**  
**Al Hid, BAHRAIN.**

**Position: CONSTRUCTION ENGINEER**

– (Steel structure & Cladding work, Civil, Mechanical Structure, Fireproofing & Bridges)

**Period : 08<sup>th</sup> April, 2011 to 08<sup>th</sup> April 2013**

**Project: SULB STEEL MILL PLANT,**  
**(Industrial and Operational Facilities Plant)**

**Work Scope: Steel Structure -24000 Metric Ton**  
**Cladding -12000 Sq.mtrs**

**Project Client: UNITED STEEL COMPANY (SULB)**



**4: RELIANCE OIL& GAS**

**LARSEN & TUBRO ECC (LTD)**  
**ANDHRA PRADESH, INDIA**

**An ISO-9000, ISO 14000, ISO 17025 Organization**

**Position: STEEL STRUCTURE ENGINEER**

– (Steel structure & Cladding work, Civil, Mechanical Structure, Fireproofing & Bridges)

**Period : 3<sup>rd</sup> March, 2009 to 3<sup>rd</sup> April 2011**

**Project: RELIANCE OIL & GAS PLANT Client :**  
**RELIANCE GROUP OF COMPANY**

**Work Scope: Steel Structure -9000 Metric Ton**



## Specific Accountabilities & Responsibilities

- ◆ Provide leadership of the Project Construction Team in development and schedule of work packs to meet contractual targets
- ◆ Manage resource issues for work pack team and identify to Project Engineers missing discipline deliverables that might impact KPIs
- ◆ Manage and review schedule concerning work packs and constructability reviews
- ◆ Review project scope at proposal stage, breaking down all construction activities on work packs
- ◆ Progressing construction engineering CTRs and reporting progress
- ◆ Preparation of Constructability Review Terms of Reference
- ◆ Chair constructability reviews and Construction Readiness reviews
- ◆ Review and approval of contractors and sub-contractors Inspection and Test Plans for conformance to specifications, codes and standards and identification of inspection intervention requirements.
- ◆ Verify quality control documentation in the form of Inspection and Test Plans, Method Statements and Work Instructions and Inspection Records / Test Certificates are available prior to work commencing.
- ◆ Compile and Issue report
- ◆ Manage and close actions from constructability
- ◆ Preparation of construction work packs
- ◆ Input to test work packs where applicable.
- ◆ HSE input to construction work packs.
- ◆ Provide constructability input into engineering design where appropriate.
- ◆ Liaison with surveyors to obtain information and to co-ordinate survey requests.
- ◆ Support the interface with Construction at site.
- ◆ Actively train and encourage the development of junior staff to fulfil construction engineer roles.
- ◆ Monitor work status to determine potential interface or schedule problems which will aid application of preventive measures to negate potential negative affect.
- ◆ Participate in client meetings relating to construction and fabrication items
- ◆ Coordinate with fabrication coordinators
- ◆ Provide site support to clients construction team as required to answer site queries promptly
- ◆ Managing preparation of construction Bill of Quantities;
- ◆ Preparation of ITRs in Go Completion® system for Mechanical completion and Pre-commissioning activities
- ◆ Review and acceptance, via signature, of process and inspection verification documents in the form of Inspection and Test Plans, Inspection Records, Checklists and Test Certificates.
- ◆ Ensure work sequence is planned and controlled via implementation and adherence to Project approved Method Statements and Work Instructions.
- ◆ Undertake visits to project facilities to liaise with Client and Construction Supervisors.
- ◆ Provide the leadership and management of the Project Construction Team

- ◆ Provision of construction input to work packs to ensure a quality deliverable is produced.
- ◆ Assure constructability aspects of design are addressed.
- ◆ Assure quality and consistency of work packs
- ◆ Undertake "actual", "witness" and "surveillance" inspection activities of civil construction and testing works at site as required by Inspection and Test Plans to verify product conformity and full compliance with engineering drawings, specifications, codes & standards and project contract documents
- ◆ Review engineering design deliverables and give comments relating to constructability.
- ◆ Ensure timely response to client comments on construction documents, and updating documents accordingly
- ◆ Prepare and review documents for approval to communicate installation sequencing, schedule timings and resource requirements to project management and engineering leads, procurement and the construction site management and supervision.
- ◆ Sampling and testing of civil works & Structural to verify adequacy of construction and inspection methodologies in producing product conforming to engineering drawings, specifications, codes and standards and project contract documents.
- ◆ Liaise with designers, engineers and Construction Manager throughout the engineering phase to maximise the use of construction knowledge and experience in all aspects of the project paying particular attention to constructability.
- ◆ Prepare, and review for approval project specific site procedures and work practices as necessary to meet Client requirements, assisting with construction feasibility and method studies.
- ◆ Initiate Nonconformance Reports where quality deficiencies identified are not satisfactorily actioned.
- ◆ Provide Construction Engineering in accordance with project requirements and Home Office procedures, input to the assessment and selection of construction contractors.
- ◆ Support the Construction Manager in the development of the contracting philosophy for the project. Ensure contract deliverables, documents and specifications are produced to meet the needs of the project schedule.
- ◆ Prepare and review for approval, plans, drawings, specifications, requisitions and bid summaries for all temporary facilities and construction equipment required within the scope of client services.
- ◆ Participate in quality audits and assessments of civil works & Structure Work as directed
- ◆ Develop temporary facility layouts, lay-down facilities, heavy lift and transportation, and heavy load and traffic movement studies, as required by the Construction Manager.
- ◆ Assist the Construction Manager in the development of transportation, lifting schedules and classifications from early project information in conjunction with the Senior Construction Engineer and PMT procedures.
- ◆ Assist with construction deliverables to suit the project requirements and input progress into the Document Management System.
- ◆ Review the project requirements, and the constructability checklist to identify critical execution issues, and assist with the overall schedule and the construction execution plan.

- ◆ Review the model Safety Plan (refer G02-04) and instructions to Contractors (refer G02-02), incorporate project specific requirements as required.
- ◆ Prepare, and review for approval site safety procedures and work practices for the project in conjunction with the HSSE Manager.
- ◆ Produce and submit Daily Inspection Reports identifying items inspected, acceptance /rejection rates and Areas of Concern.
- ◆ Review the model Site Quality Plan (refer G03-02), instructions to Contractors (refer G02-03) and other quality procedures and incorporate project specific requirements as required.
- ◆ Prepare, and review for approval the site quality plan and procedures for the project in Conjunction with the Chief Engineer, Construction to ensure client requirements are incorporated into the site activities.
- ◆ In conjunction with the Materials Coordinator monitor the shipping/delivery forecasts to ensure the project schedule is met and fully brief the Construction Manager on the shipping logistics from the works to the installed position for 'out of gauge' cargoes.
- ◆ Provide construction input and review of project documentations;
- ◆ Provide construction input, prepare and coordinate/facilitate engineering/design and constructability reviews as required;
- ◆ Provide input into Construction ITT and development of Construction Work pack;
- ◆ Provide input in scope of services;
- ◆ Interface with Engineering, QA/QC, Project Services, Contracts, HSE, Risk, HR, Procurement, Materials and Logistic to ensure that all aspects with regards to construction and implementations are addressed to minimize project risk and optimized cost;
- ◆ Provide input and prepare project estimates for all stages of implementation scope development process as required;
- ◆ Coordinate resolution on site queries from design office;
- ◆ Log lessons learnt related to Construction and Constructability of the project in the project lessons learnt register;
- ◆ Maintain an effective filing and records retrieval system.
- ◆ Safety – Responsible for personal safety safe working practices for the CSG, etc. Understand and follow OH&S procedure

### ➡ Skill and Competencies:

1. Specialist of Fire proofing, steel structures ,Cladding ,Heavy Lift ,Bridges ,Civil works
2. Familiarity with construction and testing methods and techniques and Fabrication, Assembly, Erection
3. Good level of technical understanding in the civil & Structural engineering discipline
4. Good knowledge of international codes and standards
5. Good knowledge of quality control techniques &Fluent in English (spoken and written)
6. Knowledge of generic computer applications such as Microsoft Office, Microsoft Outlook, Adobe Acrobat and specific software packages for the discipline
7. Site management and subcon management ,Project Management skills

➡ **Personal Attributes (Project and site based):**

1. Good communication skills on all levels of interactions,
2. Meticulous planning to attain maximum site efficiency
3. Diligence in administering/monitoring of daily tasks to attain consistent progress

➡ **Project Skills:**

1. CM TOOL status
2. Weekly & Monthly Site Progress
3. Three-Week & 3-Month work front Schedule
4. Material Delivery plan Schedule
5. Field Correction Report
6. Sub con mobilization plan review and approval
7. Project structure progress presentation

➡ **Personal Ability :**

1. Leadership
2. Teamwork
3. Problem solving and analytical
4. Time Management
5. Personal Impact

➡ **Languages:**

1. Strong command of English (Written & Spoken)
2. Strong command of Tamil (Written & Spoken)
3. Strong command of Hindi (spoken)
4. Strong command of Telugu (spoken)
5. Strong command of Malayalam (spoken)

➡ **Licenses:**

GCC-Driving Licenses Number: 118222324  
Exp.Date:12-09-2022

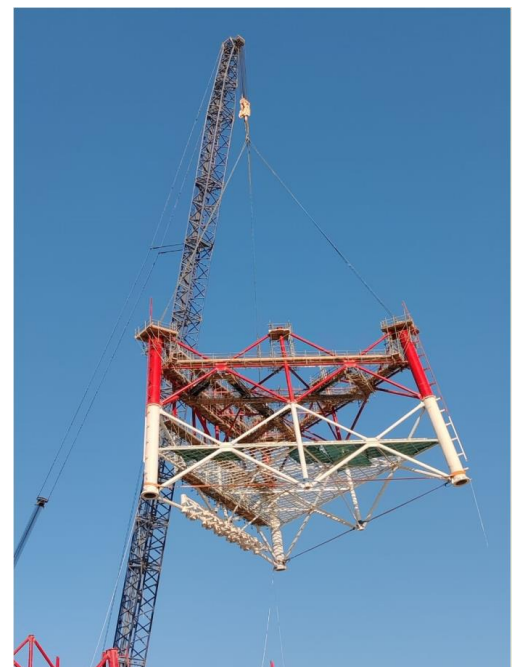
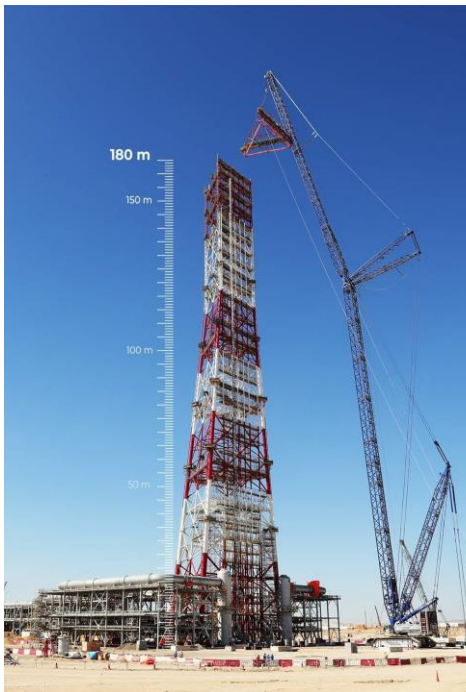


## ➡ Honors & Achievements:

- 11 th Feb 2021-- I received commendation from OQ8 in  
DUQM REFINERY EPC-2, AL DUQM, OMAN
- 15th Sep 2019 -- I received Best Employee Award from PSJV  
DUQM REFINERY EPC-2, AL DUQM, OMAN.
- 25th Dec 2018 -- I received Best Employee Award from PETRONAS  
RAPID PROJECT PACKAGE #11, PENGERANG, MALAYSIA.
- 5th April 2015 -- I received Best Employee Award from SECL  
SWCC POWER PLANT PROJECT, Yanbu-3, KSA
- 9th April 2014 -- I received Best Employee Award from LUKOIL  
West Qurna 2nd Phase, Basra, Iraq
- 10-Oct -2010 -- I received best Safety leader from SECL  
UNITED STEEL MILL PLANT (SULB), Al Hidd, Bahrain
- 30-Jun -2011 -- I received Safety Performer from SECL in  
UNITED STEEL MILL PLANT (SULB), Al Hidd, Bahrain

## Major work:

### Derrick Flare Structure -180mtrs-Height (Module assembly and Erection)



## ➡ References:

**Mr.ASHOK VETRI**  
**Sr.Construction Manager (Civil, Structure)**  
**L&T Steel plant Project**  
**Chennai, India**  
Mobile: +9199445029450  
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**Mr.SOECK JUN LEE**  
**Senior Construction Engineer**  
**SAMSUNG ENGINEERING**  
**LUKOIL PROJECT**  
**Westqurna2nd phase project, Bashara,**  
**Iraq.**  
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**Mr.J.H.KIM,**  
**Field Control Manager**  
**SAMSUNG ENGINEERING**  
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**SWCC POWER PLANT PHASE -2**  
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**Ms.Yeaji Han**  
**Project Engineer Structure & Building**  
**SAMSUNG ENGINEERING**  
**Rapid #11 EO &EG Plant**  
**Johor Baharu, Malaysia**  
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**Mr.Kevin Kim,**  
**Field Control Engineer**  
**SAMSUNG ENGINEERING**  
**ADNOC WHR Project**  
**UAE.**  
Mobile: +82 10 7164 0676  
E-mail:ks44.kim@samsung.com

## Declaration:

I hereby certify that all above information are true and correct to the best of my knowledge and belief.

Hence I humbly request you to give an opportunity to work and strive for your esteemed company or organization. I whole heartedly obey you and work myself up to the mark in bringing out this firm good.

**Signature**

**(ARUNKUMAR)**