

## SALAI MATHI (B.E)



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### ADDRESS:

Trichy,  
Tamil Nadu,  
India.

### DRIVING LICENCE:

Holding valid U.A.E, KSA &  
INDIA Driving License.

**DOB:** 14<sup>th</sup> April 1983

### LANGUAGES KNOW:

English, Tamil, Hindi,  
Malayalam & Arabic.

### OBJECTIVE

- To work in the Environment where my potentials and talents are really used for the growth of the Organization in lot of value-addition to the client and build the brand for the employer with thorough dedication and sincerity.

### CURRENT POSITION

Senior Precast Engineer

### PROFESSIONAL PROFILE DETAILS

- As Civil engineer professional having total **10+** Years' experience in India, UAE and Saudi Arabia.
- As Production Engineer, Erection Engineer & Quality Control Engineer at Factory and Site in Precast construction projects.
- Multi-practical work experience in precast construction projects as handling EXPO, DUBAI AREA, DUBAI MALL, AL BARARI LUXURY VILLAS, AL FALAH VILLAS, ADNOC RESIDENCY TOWER etc...
- Handling the precast products are precast elements, pre-stresses elements, hollow core and GRC elements such as varies products projects and cast-in-situ project Buildings.
- And, Multi-practical work experience in India as handling Civil building works, Underground utilities & manholes, Duct Bank works, and roads works etc.
- Conduct daily factory and site inspection and supervision of the works.
- Review and prepare method statement for submission to client & consultants.
- Co-ordinate various consultants and sub-contractors to ensure works runs smoothly.

**EDUCATIONAL QUALIFICATION:****TECHNICAL SKILLS:**

- B.E ., Civil Engineering - First class  
(3 years Integrated Course)  
June 2003 - May 2006 Meenakshi  
Sundararajan Engineer Collage, Chennai,  
Afflicted by Anna University, Chennai
- Diploma in Civil Engineering - FirstClass  
July 2001 - April 2003  
SIT Polytechnic, Trichy, India.

## Structural Software:

SADD pro, AutoCAD,  
CADION, MS Project,  
ArchiCAD,  
Archi land (landscape).

## Operating System:

DOS applications, MS Office and  
Windows-8, 7, Vista & XP

**CAREER PROGRESSION PROVEN JOB ROLE****STAGE: 7**

**PERIOD : June 2015 to Present...**

**Company : HARD PRECAST BUILDING SYSTEMS (HPBS), DIP, DUBAI.**

**Designation : Senior Precast Engineer (QA/QC Department),**

**ROLES AND RESPONSIBILITES:**

- Administering construction quality assurance procedures and monitoring field project work to ensure performance is within quality specifications. **(In Accordance to PCI manual 116.99 & 117.77 and ACI 318)**
- Offering technical advice to project production management for corrective action to work below quality specifications.
- Maintaining a complete record of all code stamps certified by the Society of civil Engineers, distributing reports to construction sites listing code stamp qualifications.
- Supervising quality control staff assigned to specific construction projects to test procedures, checking to quality specifications, supervising and offering technical support. **(PCI 116-99 & 117-77, ASTM, BSI & ACI)**
- Assisting projects that require the quality assurance engineering consulting, technical research, and laboratory testing.
- Reviewing proposal estimate data for quality assurance requirements and production requirements.

- Directing client presentations and preliminary quality assurance studies to assure estimating assistance.
- Assisting corporate management on special assignments that require engineering and technical evaluations and other duties as assigned by the management.

#### **STAGE: 6**

**PERIOD** : June 2013 to May 2015

**Company** : SAUDI ASATEER PRECAST SYSTEMS (SAP), RIYADH, SAUDI ARABIA.

**Designation** : # Acting Manager from May 2014  
# Senior Engineer

#### **ROLES AND RESPONSIBILITIES:**

- Involved in the production and erection of Pre-stressed beams, Columns, EP slabs, Wall panels, Boundary walls, Trough, GRP pipes, Concrete pipes and other precast elements.
- Responsible for checking of pre-cast mould and formworks of pre-stressed I-beams, EP slabs and T-slabs, internal and external panels, cladding and boundary walls, trough and trough covers and all other architectural types of pre-cast concrete product are correctly fabricated and set up with the approved tolerances.
- Estimating the materials
- Co-ordination with clients and consultants.
- Planning and Work execution.
- Materials selection and submittals.
- Making the reports on daily progress of site against the scheduled one
- Coordinating with the erection team

#### **STAGE: 5**

**PERIOD** : Jan 2013 to June 2013

**Company** : MALAR ENERGY & INFRASTRUCTURE (P) LTD-INDIA.  
(Undertaken by Dina Malar Group)

**Designation:** PRODUCTION & ERECTION ENGINEER

**Project** : Sri Raja Rajeswari Satellite Township

#### **ROLES AND RESPONSIBILITIES:**

- Responsible and in charge of all activities in the production and erection of precast products such as structural and architectural panels, and hollow core slabs, etc...

- Follow up all the inspection activities at precast production and erection such as primary inspection of the forming moulds, which includes checking of rebar's, inserts, MEP services and all other embedded items as per approved drawing and its concreting.
- Co-ordinate with clients, and in-house departments regarding various aspects of products.
- Coordination of erection and production teams for sequential production and erection.

#### **STAGE: 4**

**PERIOD : APRIL 2011 TO JAN 2013**

**Company : N.R building contracting company, Trichy, Chennai, India**

**Designation : Managing Director and Project Engineer.**

**Project : Multi Storied Residential Buildings.**

**Client : Private and PWD (TAMIL NADU Government works),**

#### **ROLES AND RESPONSIBILITES:**

- Following India Tamil Nadu municipality Rules and Regulation prepare the estimate & Costing Co-ordinate with consultants, co-ordinate with the D.M inspection. Review& approval of documents and drawing Supervision of Buildings. Executing the work according to the Estimates, time scheduling and to the site conditions. Supervision and controlling of all concrete activities, supervision all finishing works plastering, painting, tiling floor, fixing false ceiling and other architectural finishing. Planning and programming the daily, weekly and monthly progress of work Quantity Surveying of the work. Responsible for the monitoring quality& quantity of work to ensure conformity to specification on & off-site testing etc.
- Overall Project Management including Engagement of sub-contractors, update the work progress constantly and periodically, Interact with client, organize and attend the meetings, preparation of progress claims, check and certify the contractor's claims.

#### **STAGE: 3**

**PERIOD : JUNE 2007 - APRIL 2011**

**Company : Gulf Precast concrete Company LLC, Jebel Ali, Dubai, UAE**

**Designation : QA/QC ENGINEER (PRODUCTION, ERECTION& MATERIALS (ALLROUNDS))**

## **PRODUCTION & ERECTION ENGINEER**

- Responsible and in charge of all activities in the production and erection of precast products such as structural and architectural panels, pre-stressed panels and hollow core slabs, etc...
- Follow up all the inspection activities at precast production and erection such as primary inspection of the forming moulds, which includes checking of rebar's, inserts, MEP services and all other embedded items as per approved drawing audits concreting.
- Production of pre-stressed, hollow core slabs such as primary inspection of bed, monitoring the stressing operation of tendons, de-tensioning etc..
- Co-ordinate with clients, consultants and in-house departments regarding various aspects of products.
- Coordination of erection and production teams for sequential production and erection.

## **QA/QC ENGINEER**

- Implementing Quality Assurance plans, Inspection and Test Plans, Company work procedures and maintaining all QC procedures and provision of proper management systems in entire processes to meet client requirements.
- Conversant with **ISO 9001: 2000** implementation, application of various standards and codes as **BS, ASTM, IS, PCI, DIN** etc... Monitoring and conduct system audits to confirm compliance.
- Recording all Quality assurance documents and form as per company procedures and also raising NCRs for any Non-confirming issues. Implementing a 'continual improvement system' and analyzing control charts, strategic plans etc...Visiting sites to resolve various erection difficulties, Quality issues, material submittal follow-ups, approvals etc....
- Establishing laboratory and its equipment's. Laboratory management, which includes the quality control on concrete mix design. Oversee the calibration of all equipment's, which are involving directly or indirectly to the final Quality of the product. (**ACI 211, ASTM DESIGNATION FOR CONCRETE & AGGREGATES**)

- Conversant with design mix and Quality control on it by conducting various fresh concrete tests such as slump test, vicat tests, air content test, bleeding test etc...Quality control on all kinds of raw materials and conducting its routine testing, especially on cement, water, aggregates, steel, concrete etc...In accordance to ASTM designation for specification & test methods.
- Analysis of concrete mix by computation of hardened concrete tests such as compression tests, flexural tests, destructive and non-destructive tests of HC slabs, load test etc...
- Quality control on casted products in different stages such as steam curing, de moulding, and Storiied, sandblasting and repairing works delivery etc. as per PCI code. Ensure that the specific ITP and QP are followed for each project.

**Some list of my involved projects:**

<b>S. No</b>	<b>Name of the Project</b>	<b>Consultant</b>	<b>Client</b>	<b>Duration</b>	<b>Role Handled</b>
1	Al Barari Development	Arif&Bintoak Architects & Engineers	Abwab Real Estate, Al Barari Development	2007 to 2008	QC Engineer
2	Dubai Mall	DP Architect	Burj Dubai Development	2007 to 2008	QC Engineer
3	Al Gurai Development	Arif &Bintoak Consulting Engineers	Turner Construction International L.L.C.	2008 to 2009	QC Engineer
4	ADNOC Staff Accommodation	AL Torath Engineering Consultants	ADNOC	2010 to 2011	Site Engineer
5	AL Falah Community Development	Khatib and Alami	ALDOR Property	2010 to 2011	Site Engineer

**STAGE: 2**

**PERIOD** : FEB 2006 – MAY 2007

**Company** : Appa Swamy Construction Pvt Ltd, Chennai, India.

**Designation** : Civil Engineer

### **ROLES & RESPONSIBILITIES:**

- To ensure the work is going as per drawing specific dimensions and Quality
- To check Reinforcement, shuttering, props & scaffolding before concreting
- To check the workers safety environment
- Prepare the sub-contractors payment bills
- Prepare & issue the bar bending schedule for Reinforcement fabrication works.
- Orientation marking take reference from layout key plan by using Theodolite
- Marking the foundation layout, footings, columns etc...,
- To check & fix foundation level and finished floor level by using dumpy level
- To ensure the reinforcement and shuttering done as per drawings
- To prepare sub-contractors weekly payments bills
- Co-ordinate the work with client / main contractor
- Overall supervising concreting, brick masonry, plastering, interior & exterior
- Works, flooring, painting, joinery wood works, plumbing & sanitary line works etc...,

### **PROJECTS INVOLVED:**

- Temple Ton Multi Storied Building (11 floor residency towers. Each floor is 1220m<sup>2</sup>) @ Virugampakkam, Chennai.
- Arches Multi Storied residency Building (11 floor tower) @ Vada Palani Chennai

### **Stage: 1**

**PERIOD** : Jan 2003 – Aug 2005

**Company** : Subiksha Construction, Chennai, India.

**Designation** : Junior Engineer / Trainee Engineer

### **ROLES & RESPONSIBILITIES:**

- To ensure the work is going as per drawing specific dimensions and Quality
- To check Reinforcement, shuttering, props & scaffolding before concreting
- Prepare & issue the bar bending schedule for Reinforcement fabrication works.
- To ensure the reinforcement and shuttering done as per drawings
- Supervising concreting, brick masonry, plastering, interior & exterior etc.,

### **Projects involved:**

- Construction of Residential Buildings in Trichy and Chennai.

### **DECLARATION:**

I hereby declare that all the details furnished are true up to the best of my knowledge. With my ability of hard work and dedication, I can succeed anywhere.

SALAIMATHI