

KAVIYALAN ANNADURAI

PIPING ENGINEER

Email : **kaviyalanmech@gmail.com**
Date of Birth : **07-07-1993**
Marital Status : **Single**
Nationality : **India**
Experience : **2 Years 4 Month (International Exp. 10 months).**
Contact Number: **00971 507320587**
Current location: **Abu Dhabi- UAE**
Passport Number: **M7874038 (Valid up to March- 2025).**

Objective:

A promising career in the field of Contracts and Commercial / Project management / **Piping Engineering** where my skills can be optimally utilized add value to the organization and enhance my knowledge and management skills.

Summary:

Piping Engineer, Power Plant Construction & Maintenance Experience.

Familiar Areas :

- International Design code like **ASME, ANSI, API**
- **NAVISWORKS FREEDOM.**
- Software Packages like windows, **MS Word, EXCEL**

Professional Experience:

Company: **HYUNDAI ENGINEERING AND CONSTRUCTION COMPANY LIMITED**
(Stationed at MIRFA independent power and water company, Abu Dhabi , United arab emirates)

Role: PIPING ENGINEER

Duration: January 2016 - Till Date

I) PIPING ENGINEER (1600 MW MIRFA Power Project , Abu Dhabi, United Arab Emirates).

Responsibilities :

- Review of Project specification and **P&ID** s.
- **Handling all piping technical queries and investigating all field pipe work related problems**, including the drawing of field sketches when necessary.
- Coordinating with Engineering and Construction and liaise with the Client on detail engineering requirements.
- Develop Construction Engineering Technology in line with Company Policy and Procedures
Elaborates construction feasibility analysis evaluating the available materials & drawings.
- Raising MTO(s) for all materials required to additional materials for **hydro test** etc.
- Responsible for Piping erection operations and pipe support installation in accordance with schedule, Procedures, Specifications, Priorities and Availability of Construction Drawings
Ensure the Productivity and Quality is maintained by subordinates. Coordinate with other Disciplines in site.
- **Monitoring the daily work activities** of Sub Contractor and updating Sub Contractor Progress Reports.
- Assist Design Department in solving **Piping Modification and Technical Problems** in the Field.
- Provide **technical answers to Engineering** Queries raised up by the sub-contractor confirming design drawings and standard requirements.
- Responsible for **counter checking by Isometric/Piping** plan for the spools erected in the correct location, orientation, alignment and plumpness.
- Carrying out final P&ID check of **installed piping systems** in the module.
- Preparation of "**AS BUILT**" drawings.
- **Preparation of field piping system test packages** ,including system limit on P&ID and piping Isometrics.
- Responsible for carrying out **Mechanical Clearance**, Conducting Hydro and Pneumatic tests, fulfilling commissioning and Pre-Commissioning requirements for the project.
- Responsible for line checking after hydro test to complete the post punch list prior to sign-off the test packages before signing the completion of piping / mechanical.
- Ensure that all punch list items are resolved; client handover is satisfactorily concluded and that there is no prolongation of project.

AREA OF WORKING & KNOWLEDGE :

- PIPING INSULATION WORK. (**RACKWHOOOL / HEAT TRASING**)
- PIPE SUPPORT PAINTING (**APPLY REQUESTED BY USING SUPPORT DRAWING**)
- PREPARE MAKING ITN (**INSPECTION TEST NOTIFICATION**)
- MATERIAL RECEIVING AND MAKE MRS (**MATERIAL REQUEST SHEET**)
- BY USING PO (**PURCHASE ORDER**)
- UPDATE PUNCH LIST DETAIL IN **NAVISWORKS SOFTWARE**.
- HYDRO TEST LINE CHECKING
- MAKING MCC (**MECHANICAL COMPLETION CETIFICATE**) BY USING COMPLETE HYDRO TEST LINE.
- GUIDE MANPOWER DAILY.
- PREPARE WORKING SCHEDULE.

II) R.K.M Powergen Pvt.Ltd, India.

Role: PIPING SUPERVISOR.
2015

Duration: September 2014 - December

R.K.M. Powergen Pvt. Ltd. own and operates coal based Power plants.
(4X360 MW Coal Based Thermal Power Plant, Ucchpinda Village, Janjgir Champa District, Chhattisgarh)

Responsibilities:

- To read isometric drawings with MTO & Supports and work accordingly.
- Experienced in construction activities of **GRP &GRE &SUPER DUPLEX and HDPE** pipes.
- **Preparing Material Specifications** & Valves and Special parts & Data sheets.
- Proficient in study piping and equipment layouts development and **plot plan development**.

Academic Qualifications:

Course	Name of the Institution	University/Board	Batch	Percentage CGPA
B.E (Mechanical Engineering)	V.S.B Engineering College, Karur	Anna University	2010-2014	7.3
HSC	St.Antony's Higher Secondary School,Manapparai.	State Board	2008-2010	79%
SSLC	St.Antony's Higher Secondary School,Manapparai.	State Board	2007-2008	87%

Summary of skills / strengths and Experience:

- Familiar Pipe Line Work in **GRP,GRE,PPH,PE,PVC,SUPER DUPLEX.**
- Bachelor of Engineering in Mechanical, experience and Power plant Construction and Maintenance (Good leadership skills and a Good learner).
- Language Skills: English-Hindi-Tamil.

Place : Mirfa

Date :

(KAVIYALAN ANNADURAI)

