

**NAGARAJAN G**

**Civil & Structural Engineer**

[nagaraj1408kwt@gmail.com](mailto:nagaraj1408kwt@gmail.com)

+91 8754148967



### **Profile**

Civil & Structural Design Engineer with 4+ years of experience in Oil & Gas Industry. Where, I was involved in the area of Analysis & Design of Steel Structures and Reinforced Concrete structures with exposure to the American codes.

### **Professional Experience**

Civil & Structural Engineer - July 2019 to till the date  
Gulf Spic General trading & Contracting Co. – Kuwait

Structural Design Engineer - July 2018 – July 2019  
SKB Engineering Systems, Chennai

### **Technical Skills**

- Analysis & Design of
  - Pipe Rack Structures.
  - Pipe Supporting Structures.
  - Platform Structures and Foundation.
  - Adequacy Check for Existing Steel Structures.
  - Effluent Water Collecting Vessel Pit, Valve Pits, Sump pits.
  - Horizontal Vessel Foundation.
  - Pig Launcher and Receiver Foundation.
  - Substation Building Foundations.
  - Desalinated Water Tank Foundation.
  - Thrust blocks
  
- Supported to Prepare
  - Analysis & Design of Substation building and DG building.
  - Columns, beams and slabs for Substation Building.
  - Design Excel sheet for Blast Load Calculation.
  - As-Built drawings.
  - Material Take-off.
  - ITB Documentation for FEED.

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### **Additional Skills**

- Preparation of EPC cost & schedule.
- Supported to Prepare bidding including Man-hours, scope of EPC work for Pre-FEED & FEED.
- Collaborate with other discipline engineers, KOC, KNPC Engineers and project managers to accomplish the project within deadline.

### **Project Experience**

- **Replacement of old substations in west Kuwait area F-160, F-170 & F-23 new substation**  
Client:- Kuwait Oil company(KOC)  
Location:- Kuwait.
- **Consultancy Services for Enhancement of Desalinated Water Import & Storage Facilities at Mina Ahmadi Refinery.**  
Client:- Kuwait national petroleum Engineering company(KNPC)  
Location:- Kuwait.
- **Replacement of 42" Flare Line at GC-03,04,06,07,08 and Drain Sump Vent Line at GCs 03,04,06,07,08 & 21.**  
Client:- Kuwait Oil company(KOC)  
Location:- Kuwait.
- **Upgradation of Gas and Condensate Network at East Kuwait Area-II.**  
Client:- Kuwait Oil company(KOC)  
Location:- Kuwait.
- **Engineering, Procurement and Construction for Modification Work for Supply of Desalinated Water to MAB-CFP during MEW North Power Station Shutdown.**  
Client:- Kuwait national petroleum Engineering company(KNPC)  
Location:- Kuwait.
- **Piping modification for LP gas compressors at BS-140 south east Kuwait.**  
Client:- Kuwait Oil company(KOC)  
Location:-Kuwait
- **Upgrading existing export facilities at NTF & STF Area**  
Client:- Kuwait Oil company(KOC)  
Location:- Kuwait.

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### **Software Exposure**

- Analysis : STAAD Pro, MAT 3D and Foundation 3D.
- Detailing : Auto CAD and TEKLA Structures.
- 3D Model Review : Navisworks
- Others : Microsoft Office

### **Education**

**B.Tech, Civil Engineering** - **November, 2018**  
Prist University, Thanjavur, Tamil Nadu, India.

### **Personal Vitae**

|                 |              |                 |                  |
|-----------------|--------------|-----------------|------------------|
| Date of birth   | : 14/08/1996 | Marital status  | : Single         |
| Gender          | : Male       | Languages known | : English, Tamil |
| Passport Number | : S3521155   | Nationality     | : India          |

### **Declaration**

I hereby declare that the information stated above is true and correct to the best of my knowledge and belief.

Nagarajan G