

ANIL KUMAR

CIVIL ENGINEER

Address:

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Summary

Civil Engineer specializing in Surveying, Planning and Management of all Civil constructions in City Gas Distribution and with all stages of PNG from Surveying, Drawings, Permissions, Planning and Execution to connect Domestic, Industrial and Commercial Customer connections.

Experience

Executive Engineer – 12 Oct, 2020 to Present

Torrent Gas, Patiala

- Managed the Civil works in GA for DRS/DCS sites and CGS stations.
- Made drawings of CNG stations for PESO approval and As-Built drawings of PNG network of Geographical Area (180 Km) on AutoCAD 2D.
- Traced PNG network details on Google Earth Pro as progress & Planning for synergy and GIS.
- Surveyed the GA for Industrial-Commercial potential, Household Potential, RoU and Civil work works. Also prepared the purchase requisition, reports for PE network as required and for Permission from the Government Authorities.
- Prepared CAPEX data of PNG project and kept estimation details of project progress as per IMS.

Education

Bachelor of Engineering : **Civil Engineering (2016-2020)** - **Chandigarh University**, Mohali
12th and 10th from **Calvary Mission School (J&K Board)**, Jammu

Skills

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|-------------|----------------------|
| • MS Office | • SAP and Tally |
| • AutoCad | • Google Earth Pro |
| • STAAD pro | • Project Management |

Projects and Training

- **Review Paper** - In-Situ construction material on Mars (Future Aspects of Science and Technology)
All possible materials/methods that can be used for construction on far planet.
- **Project** - ANN to determine strength of concrete
Artificial Neural Network model was trained and used to determine the strength of concrete at 28 days.
- **Project** - Case study of self healing concrete
Optimum method and content of bacteria for the bio-concrete Use of self healing concrete in different conditions and effect of same.