

CURRICULUM VITAE

Post Applied For : **Junior QC Engineer**
Name : **Amit Anand**
Father's Name : **Bhupendr Nath Thakur**
Contact No : 9525359711
E-mail : **civil96a@gmail.com**
Permanent Address : Vill- Gonahi Post- Dharmapur Disst- West Champaran (Bihar)
Pin No.- 845449
Date of Birth : 03-02-1996
Nationality : Indian

KEY QUALIFICATION :

I am a B. Tech in Civil Engineering, having more than 01years8 month experience in highway projects. My duties also included identification of borrow areas for soil and quarries for stone metal; Testing of soil, aggregates, bitumen, cement, sand, water and steel; Analysis of results and their interpretation for assessing their suitability for use on a project; Maintaining proper records of results of tests of materials; Formulating bituminous and cement concrete mix designs for use on road and bridge works; Ensuring full quality control at all stages of the execution of construction of National Highways, State Highways, including bridges/ other structural works as per the specifications. Was also responsible for checking and testing of various construction materials and samples of works in progress and completed; Testing of riding quality of pavement; Supervising the work during different stages of highway construction like Earthwork, Sub-grade, GSB,WMM,BM,DBM,BC,PQC,DLC,Concrete, primer, Tack Coat etc. I have good knowledge of specifications, standards, design codes of practice for road and bridges issued by the Indian Road Congress, MORT&H specifications for road bridge works.

Education Details :

Qualification	University/Institute	Year of Passing
Metric	BSEB (Patna)	2012
Intermediate	BSEB (Patna)	2014
B.Tech (Civil)	GPU (Punjab)	2019

COMPUTER PROFICIENCY : **Knowledge of MS Office (Word & Excel)(DCFA)**

Languages :

Language	Reading	Writing	Speaking
Hindi	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

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1. FROM-MAY 2019-TO MARCH 2022

EMPLOYER : PNC INFRATECH Ltd

Position Held : Lab Engineer

DESCRIPTION OF THE PROJECT

Project Title:-construction of Purwanchal Expressway from ch:18+000 to 45+500.

Client: - UPIDA

Responsibilities : Responsible for setting of field laboratory and calibration of equipments, identification of quarry areas, borrow areas for soil, Selection of borrow areas for earth work, sub grade GSB. Supervise all test to be done in different stages of construction besides ensuring that specified tests done as per stipulated codes. Review and analysis of test results for aggregates, sand, borrow materials, cement, steel, ETC. PQC & DLC And All Grade Concrete Design of various mixes viz concrete mixes, base & Sub base mixes and exercising quality control over the production of various mixes through routine and reviewing the test results

2. From April 2022 to till continue

EMPLOYER:- SARSWATI CONSTRUCTION COMPANY

POSITION HELD :- junior engineer

PROJECT TITLE:- Construction of four lane Expressway from Vejalka Village to start of DSIR Zone of Ahmedabad District from Ch.48+520 to Ch.71+060 Section of Ahmedabad-Dholera Greenfield Alignment (NH-751) on EPC Mode Under Bharatmala Pariyojana in the State of Gujarat (Package-3)

CLIENT:- NATIONAL HIGHWAY AUTHORITY INDIA, GUJARAT

QUALITY CONTROL TEST CONDUCTED:

Earthwork :

Soil Stabilization with Cement: Sieve analysis, MDD, CBR, Atterberg limits, Deleterious content, Free swelling index, natural moisture content,

moistur
e
content
test just
before
compac
tion,
Field
density
test.

Embankment and Sub-Grade: Sieve analysis, MDD, CBR, Atterberg limits, Deleterious content, Free swelling index, natural moisture content, moisture content test just before compaction, Field density test.

Sub- Bases and Base Course:

Granular Construction :- Job Mix Design, Gradation, Atterberg Limits, Moisture Content Prior to Compaction, Density of Compacted layer, CBR, Water absorption of Aggregate, Soundness, 10% fine value.

Wet Mix Macadam Construction:- Job Mix Design, Gradation, Atterberg Limits, W.A, AIV, FI&EI. L.A., Density of Compacted layer.

Concrete Structure :

Trail Mix Design, workability, Gradation of sand and aggregate, Silt Content of sand, AIV, 10% Fine Value, FI & EI, S.G & W.A Cube Compressive Strength.

Bitumen :

Penetration Test, Softening Point, Ductility Test, Flash and Fire Point, Specific gravity, loss on heating test.

Cement :

Consistency test, fineness, initial and final setting time, soundness, compressive strength.

Soil: Gradation. Atterberg limits, Free swelling index, Natural Moisture content test, Proctor density, CBR. Moisture content at the time of compaction

Thickness, field density. Horizontal alignment. Surface Level, Surface regularity.

Granular Sub-Base: Gradation, Atterberg limits, CBR, Moisture content prior to compaction, Field Dry Density, Surface regularity.

Base Course: -Gradation and Screening, AIV, FI& EI, Atterberg limits, Water absorption etc.

Dense Bituminous Macadam/Semi Dense Bituminous Macadam:- Quality of binder, AIV: LA, FI&EI, Stripping value of aggregates, Soundness, WA, sand equivalent test, Plasticity index, Mix grading. Stability of mix, Water Sensivity of mix, Swell test on the mix, Control temperature in binder in boiler aggregate in the dryer and mix at the time of laying and rolling, rate of spread, Density of compacted layer.

Mix Seal Surfacing:- Job mix Design, Gradation, FI&EI AIV, WA, LA. Stripping value, Quality of binder, binder content, responsible for checked temperature of binder and aggregate at the time of mixing, Discharge, rolling, laying and rate of spread of mixed materials.

CERTIFICATION

In the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes my self, my qualification and my experience. I understand that any willful misstatement described here in may lead to my disqualification or dismissal, if engaged.

Amit Anand

(Signature of the candidate)

Date : _
Place :