

Curriculum Vitae

Nilanjan Sen

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Address:-

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Sainik Colony,Dumardaga

P.O.Butti,Ranchi,Jharkhand

OBJECTIVE

A versatile, high-energy professional capable in streamlining Environmental Management, Occupational Health & Safety functions, Statutory Compliance Assurance, Environment Impact Assessment, Clearances & Interaction to improve systems and procedure in Power, Steel, Mining & other sectors

KEY QUALIFICATION

- M.Tech Environment Science & Engineering
- M.Sc Life Sciences
- MBA
- P.G.Diploma in Industrial Safety Management
- Pursuing LLB

CERTIFICATE

- Name : Air,Water labortory Analyst at Mecon
- Issuing Organisation : Mecon(A Govt enetrprise)
- Issue Date: June-2007

PROFILE SUMMARY

- Achievement-oriented HSE professional having over 10 years of rich experience in Environmental Management, Occupational Health & Safety Functions, Environmental Pollution Mapping, Industrial Safety Management and GIS Management
- Comprehensive experience in Statutory Compliance Assurance and Pre Project Environment & Forest Clearances from MoEF, SPCBs
- Skilled at document preparation for funding agencies like World Bank-USEXIM- OECF/JBIC and ADB; managing HIRA Job Safety Analysis, Risk Assessment &Hazard identification
- Successfully attained National Scholarship from N.T.S.E for ExcellenceinAcademics
- Expertise in conducting HSE inspections and audits, emergency risk assessment as well as implementing the Health Safety Environment Management System through evolvment of HSE plans& safeoperating proceduresfor variousprojects as per the global standards
- Led functions such as Sustainable Environment Management, Implementation of IFC guidelines, GRI reporting, Liasioning with Pollution Board/Ministry of Environment and EIA study/Statement Reports
- Attaining strong Laboratory Skills including Biodiversity & Ecology, Environmental Chemical Analysis, Environmental Biochemistry, Environmental Biotechnology, Toxicological Tests, managing instruments required for environmental investigations and Baseline data collection for EIA &EMP
- Innovative with communication skills with capabilities in coordinating with Local Regulatory Agencies and Administration Department for the environmental programme / obtaining permits / securitymatter

SKILLED AREAS			
Report Preparation	Plans & Procedures	Job safety analysis	Inspections & Reporting
Client reporting	Work permit systems	Work at height safety	Scaffolding safety
Electrical safety	Fire safety	Hot work safety	P&M safety
Lifting safety	Excavation safety	COSHH	Training/toolbox talk
Auditing skills	Launching Girders	Blasting	Tunnel safety
Underground safety	Vibration	CRZ	EIA
CTE/CTO, NOC from Authority.	Environment Monitoring and contingency plan.	Baseline & Evaluation	Survey (Building/Tree/Water Bodies or Environment sensitive place)
Waste Management	Spill release / Response	Emergency Response	Training
MSDS Management	First Aid / CPR		

TOTAL WORK EXPERIENCE: 10 Years +

1. Present Company Feedback infra Pvt. Ltd	
Project Details	Grid Substation –Commissioning- and operation /maintenance Transmission line Commissioning and operation For 10 transmission line, and 7 Grid Substation in World bank Funded Project. L&T LTD. Package (1A)-(132 KV GSS Irba, Angada, Silli, Bay extension Kanke. SPML Infra LTD. Package (7A) - (132 KVV GSS Kurdeg, Kolibera, Chainpur, Bay extension Kamdara Simplex Infra Pvt Ltd. Package (1B) –(132 KV D/C Silli- chowka, Silli- Angara, Angara- Irba, Irba –Kanke, Irba- Ratu RS Infra PVT. Ltd Package (7B) –Kurdeg – Simdega, Simdega- Kolibera, Kolibera- Kamadra, Gumla – simdega LILO Chainpur
Designation: Environment-safeguard associate (Transmission & Generation)	Period: 16th August 2019 to 24th April 2021

Key Responsibility:

- Develop, manage, and implement EMS Environment management systems
- Ensure compliance with all applicable World Bank ,regulations..
- To report World Bank on different Social & Environmental Aspects
- To prepare & update Environment plan, Procedures, Checklist etc.
- To prepare & report of CPTD, Forest Related submission
- To carry out Aspect Impact Assessment & Risk Assessment.
- To take Forest clearance from DFO, CF, PCCF
- To identify the nature of land & process for its compensation under CPTD.
- To prepare Environment Management Plan.
- Environment & Social Assessment
- Environment impact assessment.
- Liaisoning with Government body to get different types of approval Lead the environmental initiatives in support of the contractual requirements.
- Ensure compliance with all applicable National, State and local regulations.
- Drive continuous improvement initiatives within environmental health safety and sanitation areas.
- Drive incident/accident-free workplace initiative through education and other initiatives.
- Advising site in-charge/engineers on safe operating procedures.
- Ensuring subcontractors are complying with the safety requirements set for the project.
- To prepare & update Environment plan, Procedures, Checklist etc.
- To prepare & report submission to JUSNL (Jharkhand Urja Sancharan Limited).
- To carry out Aspect Impact Assessment & Risk Assessment.
- To Look out Environmental Aspect in the project.
- To take Forest clearance from concern authority for GSS

- To take Forest clearance from concern authority for transmission line where it is applicable.
- Proper documentation for CPTD.
- To prepare Environment Management Plan.
- Environment & Social Assessment
- Environment impact assessment.
- Other Statutory clearances in two packages Ranchi & Dumka
- To assist in the preparation of social screening report, social implementation report, resettlement action plan.
- Compile different compliances.
- Liaisoning with Government body to get different types of approval/ NOCs.

2. Company

Usha Martin Ltd(Ranchi)

Job Details

Effectively liaisoning with regulatory authorities for obtaining NOC,CTO,CTE ,Clearance from MOEF ,Clearance from DFO,PCCF,CF. Responsible for ISMS implementation also OHSAS and ISO implementation ,Preparation & implementing onsite & offsite emergency plans conducting mock drills organizing safety events like National Safety week and World Environment day .Compiling HSE activities ,statistics & generating MIS reports .Compiling Statutory ,Internal & External Audits

Designation: Assistant Manager

Period: 18th April-2011 to 18th Dec 2018

Key Responsibility:

- Preparation of risk assessment based on method statements for Effluent Treatment plant.
- Conducted Monthly EHS meeting with participation of sub-contractor and workmen representative and ensure compliance point raised during meeting within stipulated time. .
- Periodical and planned site inspection and Audit.
- Ensures compliance with all applicable Environment, Health and safety regulations and ensures necessary records are maintained and prepared according to established guidelines.
- Preparation of Waste Management Plan, sludge management plan ensuring compliance to achieve 100% waste management at site.
- Conducting Environment, Health, Safety awareness trainings for staff and workmen.
- Conducting in-house monitoring of environmental parameters like Noise, Illumination, Water, Wind etc. .
- To look out the technical aspect for solid liquid waste management.
- Proper documentation for environmental clearance, filling of environmental data sheet, sanitary survey & Categorization for each scheme.
- Regular environmental compliances addressed.
- Preparation of environment management plan.
- To implement environmental safeguard policy.
- Regular & pre-post monsoon physical ,chemical & Bacteriological analysis of Environmental parameters.
- Preparation of Onsite & Offsite emergency plans Develop, manage, and implement EHS management systems
- Ensure compliance with all applicable National, State and local regulations.
- Drive continuous improvement initiatives within environmental health safety and sanitation areas.
- Drive incident/accident-free workplace initiative through education and other initiatives.
- Advising site in-charge/engineers on safe operating procedures.
- Ensuring subcontractors are complying with the safety requirements set for the project.
- To prepare & update EHS Plan, Environment plan, Procedures, OCPs, WIs, Formats, Checklist
- To provide EHS training to employees and workers.
- To conduct regular EHS inspection & audit.
- Preparation and monitoring of EHS budget for the financial year
- Active participation in establishment of ISO 14001:15 and 45001:18 Certification.
- Engaging stakeholders in relation to environmental aspects or life cycle prospect of the materials.
- Educating subordinates and keep updated with safety standard.
- Responsible for planning and executing the internal safety audits
- Ensuring effective implementation and maintenance of safety system to meet all requirement as per standard
- Responsible for preventive action and horizontal deployment for safety system non-conformance detected during Internal / external safety audit
- Risk assessment of all operation activity and areas
- Root cause analysis of incident/accident took place and ensuring the implementation of CAPA and horizontally deployment
- Preparation of Incident/Accident report

- Making SOP's and check sheet for safety precaution/Do's& Don't activity wise
- Inspection & Risk assessment of newly installed/Re-layout equipment Process
- Ensuring the Testing of lifting tools, safety harness & pressure vessel by Competent person
- Conducting On the Job Training and and class room training program
- PPE's management.
- Organizing motivational program for shop floor employees
- Instrumental in work permit system implementation and ensuring PTW requirements.
- Ensuring chemical handling management at work place.
- Inspection of all fixed firefighting installations and portable fire extinguishers.
- Responsible for customer audits & ensuring promotion of awareness of customer requirements throughout the organization
- Responsible for Implementation of ISO 14001:2015 and 45001:2018 Compliance.
- Conducting mock drill on Half yearly basis for all identified emergencies
- Preparing MIS report
- Responsible for Management Review Meetings to report on the performance of the EHS System.
- Reviewing and ensuring the implementation of non-conformance on time
- Conducting Safety committee meeting on Monthly basis
- Submission of Annual return : Hazardous waste & Environment
- Renewal of Consent (FIRE NOC , Hazardous waste, Air & Water)

Company		C.P.Consultants (New Delhi)
3	Project Details & Key responsibility	various projects related to E.I.A., E.M.P and various safety audits including field visits collection of samples & analysis of the sample
	Designation: Environmental Engineer	Period: Jan 2010 to March-2011

Projects Handeled

Project Name: EIA of Sturdia Group Housing Project, Indian oil Petronas, Arrow

Infra Duration: 6 months

Place: Rishikesh, Dehradun & Haridwar

Description: The objective of the project was to do environment impact assessment & get clearance from ministry of environment the details are baseline data collection, sampling of water & air, studying the socioeconomic and demographic aspects of the 10 km surrounding of the project site and make a detailed impact assessment report & discuss with ministry and get the clearance

Project Name: Rapid Safety Audit & Offsite Emergency Plan

Duration: 6 months

Place: Surat, Kutch, Hyderabad & Srikakulam

Description: The objective of the project was to do Rapid Safety Audit, Hazard Analysis and preparation of offsite emergency plan for the respective district and present and discus with ministry

DISSERTATION

A dissertation work on "**Surface Water Pollution Modelling and Plankton Estimation through Remote Sensing**" under Dr. M.S. Nathawat (Prof. & H.O.D, Scientist) & Dr. V.S. Rathore (Lecturer) Birla Institute of Technology, Mesra, Ranchi

One year project on **Coal Field Reclamation in Mine Areas of Tata West Bokaro Colliery**, under supervision of Dr. N.S. Sen (Prof.) Ranchi University, (Environment Division)

Six month project on **Ecology & Environment** at B.Sc. & M.Sc. level and completed various mini projects at M.Tech. level

FIELD VISITS/ TRAINING

- **Field visit:**

- Wastewater Management at BITS Mesra, Usha Martin associated with UNESCO program on drinking water safety in Jharkhand
- MECON, SAIL, RANCHI, onemonthtraining on air, Water, Soil,Pollution Lab& ETP projects
- Identifying Biodiversity Indices at Jungles of West Bokaro Colliery

EDUCATION				
Degree	Discipline	School/College	Year of Passing	CGPA/%
M.Tech	Environmental Engineering	Birla Institute of Technology ,Mesra	2008	84%
M.Sc	Life Sciences	Ranchi University	2005	63%
B.Sc	Life Sciences	Ranchi University	2002	67%
P.G.Diploma	Industrial Safety	Guru Jambheshwar University ,Hissar	2011	60%
MBA	Finance & Marketing	ICFAI, University Jharkhand	2015	84%

DECLARATION

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

I bear responsibility for the correctness of the above mentioned facts.

Place: Ranchi



Nilanjan Sen