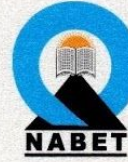




Quality Council of India

National Accreditation Board for
Education & Training



CERTIFICATE OF ACCREDITATION

This is to certify that

M/s Kratin Solutions Pvt Ltd, Nagpur

is hereby accorded accreditation under the QCI-NABET Scheme for Accreditation of
EIA Consultant Organizations (Version 3)

Scope of Accreditation:


Sl. No.	Name of Sector	Cat.
1	Mining of minerals including opencast/underground mining	A
2	Coal washeries	A
3	Mineral beneficiation	A

Name of approved EIA Coordinators and Functional Area Experts are mentioned in IAAC minutes published on website dated Sep 07, 2016.

Accreditation to the above is subject to the EIA reports being prepared by the experts (EIA Coordinators and Functional area Expert) mentioned in the above minutes and compliance to the Terms and Conditions of Accreditation.

Certificate No: NABET/ EIA/1619/ IA 0013

Valid Up to: June 22, 2019
(Subject to continual compliance to NABET scheme)


C.E.O
NABET



Kratin Team for preparation of EIA –EMP: -

Sr. No	Name	Positions held
1.	Sri. U. W. Datey	Senior Consultant Mining & Environment
2.	Sri. A C Ray	Ex. GM (Environment), WCL
3.	Sri. N M Sangode	Ex. Controller of Mines, IBM
4.	Sri. S S Moharil	Ex. Sr. Geologist, GSDA, Govt. of Maharashtra.
5.	Sri. Y D Khare	Ex. Associate Scientist, MRSAC & Sr. Geologist, GSDA
6.	Sri N Jadhav	IFS, Govt. of M P
7.	Sr. S Satramwar	Socio – Economic Consultant.
8.	Sri. P Khujnare	Environment Consultant
9.	Sri. S N Katiyar	Ex. Dir (T), BCCL, CIL
10.	Sri S. V. Joshi	Ex. Dy. Chief (Mining), MOIL Ltd., Nagpur
11.	Dr. Rizwan Reza	Environment Consultant

Brief Profile of EIA Team members:

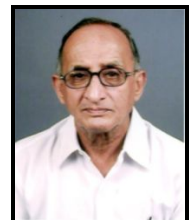
1. Sri S. N. Katiyar, President & CEO

- B. Sc. Mining Engg., Indian School of Mines, Dhanbad.
- 1st Class Mine Manager's Competency Certificate (DGMS)
- Recognized Qualified Person for preparation of Mining Plan (Coal);
- Worked as Director (Technical) BCCL, Coal India Ltd.
- Conducted Training, Safety Audit & Risk assessment in mines;
- Prepared Mining Plan, Mine Closure Plan & Project reports;
- **Approved by NABET as Functional Area Expert in Risks & hazards (RH) for Preparation of EIA-EMP.**



2. Sri U. W. Datey, Sr. Vice President

- AISM, Mining Engg, Indian School of Mines, Dhanbad.
- M. Sc. Mining Engg, University of Birmingham, UK.
- Recognised Qualified Person for preparation of Mining Plan (Coal & Metal);
- Worked as Mining Engineer in coal mines;
- Worked as Director, Minservices (EIA Consultant organisation);
- Worked as CEO, Minenviron System Pvt Ltd (EIA Consultant organisation);
- Prepared 27 nos. EIA-EMPs for mining, coal washery & mineral beneficiation projects;
- Prepared 50 nos. Mining Plan for mining, coal washery & mineral beneficiation projects;
- **Approved by NABET as Mentor for mining, coal washery & mineral beneficiation sectors as well as functional areas of Air Pollution (AP) and Noise & Vibration (NV).**



3. Sri N. M. Sangode, Advisor (Environment)

- AISM, Mining Engg, Indian School of Mines, Dhanbad.
- M. A. Management Studies, Leeds University, UK.
- Recognised Qualified Person for preparation of Mining Plan (Metals);
- Worked as Controller of Mines at Indian Bureau of Mines;
- Worked as Mining Engineer in Copper, Iron ore & Manganese mines;
- Worked as EIA Coordinator and functional area expert at Minenviron System Pvt Ltd (EIA Consultant organisation);
- Prepared 9 nos. of EIA-EMPs and 25 nos. of Mining Plans for metaliferous mines & mineral beneficiation projects;
- **Approved by NABET as EIA Coordinator for mining & mineral beneficiation sectors as well as Functional Area Expert in Air Pollution (AP) and Industrial Solid Wastes (ISW) for preparation of EIA-EMP.**



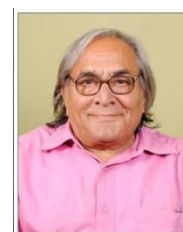
4. Sri A. C. Ray, Advisor (Environment)

- BE (Civil), IEST, Shibpur;
- Grad IE (Industrial Engineering), IIE, Bombay, and, PGDBM (IGNOU);
- Training in Environment at Indian School of Mines, Dhanbad and at IICM, Ranchi based on World Bank Training module;
- Worked as GM (Environment) at WCL (Coal India Ltd);
- Worked in design & supervision of coal washeries in BCCL (Coal India Ltd);
- Associated in preparation of 35 nos. of EIA-EMPs for coal mining projects of WCL;
- Conducted Environmental Training courses & Seminar;
- Prepared Mine Closure Plan & mining project reports;
- **Approved by NABET as EIA Coordinator for mining & coal washery sectors as well as Functional Area Expert in Air Pollution (AP), Water Pollution (WP), Hazardous Wastes (HW) and Soil Conservation (SC) for preparation of EIA-EMP.**



5. Sri N. Jadhav, Advisor (Environment)

- AIFC Diploma (equivalent to M. Sc. Forestry) from Indira Gandhi Forestry Forestry Academy;
- P. G. Diploma in Aerial Photo Interpretation & Resource Mapping from NRSA;
- Training on Land Utilisation in Forestry at University of Idaho, USA;
- Worked as Indian Forest Service (IFS) officer, Govt of MP;
- Worked as Conservator of Forests and Dy. Director, Wildlife Research in Madhya Pradesh.
- Have exposure to large-scale plantation, wildlife study, Restoration of flora and fauna etc.
- **Approved by NABET as Functional Area Expert in Ecology & Biodiversity (EB) and Soil Conservation (SC) for preparation of EIA-EMP.**



6. Sri S. V. Joshi, GM (Safety & Training)

- Diploma in Mining & Mine surveying;
- AMIE Mining, Chartered Engineer;
- 1st Class Mine Manager's Competency Certificate (DGMS)
- Worked as Dy. Chief (Mines) at MOIL Ltd;
- Conducted Training & Seminars for mining personnel engaged in mining industry;
- Conducted Safety Audit & Risk assessment in Iron ore, manganese and coal mines;
- **Approved by NABET as Functional Area Expert in Noise & Vibration (NV) and Risks & Hazards (RH) for preparation of EIA-EMP.**



7. Sri S. Satramwar, Advisor (Environment)

- Masters in Social Welfare (MSW);
- Worked as Project Fellow at NEERI;
- Worked as self-employed consultant engaged in socio- Economic survey and impact assessment of various projects including mining;
- Conducted baseline Socio-economic Impact survey & Assessment;
- Prepared R&R plan, Tribal Development Plan and Human Health survey;
- **Approved by NABET as Functional Area Expert in Socio-Economics (SE) for preparation of EIA-EMP.**



8. Sri Y. D. Khare, Empanelled Expert

- M. Sc. Geology from Nagpur University;
- P. G. Diploma in Aerial Photo Interpretation & Remote Sensing from Indian Institute of Remote Sensing, Dehradun;
- Worked as Hydrogeologist at Groundwater Survey & Development Agency, Govt of Maharashtra (GSDA);
- Worked as Scientist, Maharashtra Remote Sensing Application Centre, Nagpur.
- Conducted hydrogeological study in coal mines as a part of EIA study and prepared land use maps based on remote sensing for different places of Maharashtra.
- **Approved by NABET as Functional Area Expert in Land Use (LU) and Hydrogeology (HG) for preparation of EIA-EMP.**



9. Sri S. S. Moharil, Empanelled Expert

- M. Sc. Geology from Nagpur University;
- Worked as Geologist & Hydrogeologist at Groundwater Survey & Development Agency, Govt of Maharashtra (GSDA);
- Worked as self-employed hydrogeological consultant (M/s S. J. Consultants);
- Conducted a number of hydrogeological studies as a part of EIA study and prepared report for coal blocks, power plants and minor minerals.



- **Approved by NABET as Functional Area Expert in Geology (Geo) and Hydrogeology (HG) for preparation of EIA-EMP.**

10. Dr. Rizwan Reza, Empanelled Expert

- Ph. D. in Environmental Science from Indian School of Mines (ISM), Dhanbad;
- Worked as Project Assistant at Central Institute of Mining & Fuel Research (CIMFR), Dhanbad;
- Worked as Research Fellow at Centre of Mining Environment, ISM Dhanbad;
- Conducted Air and Water quality monitoring and assessment study as a part of EIA study for mines using standard impact prediction modeling software;
- **Approved by NABET as Functional Area Expert in Air Quality (AQ) and Water Pollution (WP) for preparation of EIA-EMP.**



11. Sri P. Khujnare, Empanelled Expert

- M. Tech., Environmental Science & Engg, from Indian School of Mines (ISM), Dhanbad;
- Worked as GM (Environment) at M/s Bhagavathi Ana Labs, Hyderabad;
- Worked as Engineer (Mining & Environment) at M/s Min Mec Consultancy, N. Delhi;
- Prepared and presented a number of EIA-EMPs for coal and metaliferous mines, coal washeries and mineral beneficiation plants.
- **Approved by NABET as EIA Coordinator for mining, coal washeries and mineral beneficiation sectors as well as Functional Area Expert in Noise & Vibration (NV), Geology (Geo) and Industrial Solid wastes (ISW) for preparation of EIA-EMP.**