

Annexure 3: Certificate of Registration of Principal Employer with Min of Labour, AH-02

REGISTERED WITH A/D 2

Government of India
Ministry of Labour & Employment
Office of the Dy. Chief Labour Commissioner (Central)
2nd M.S. Building, 5th Floor, Nizam Palace,
234/4, A.J.C. Bose Road, Kolkata-700 020.

No. 46/R(3) /2015-E.2 Dated : 25/8/2015.

To,
The Project Director (AH-02)
Project Implementation Unit-II
P.W.(Roads) Directorate
Vivekananda Bhawan (N.B.D.D.) Building)1st Floor
Siliguri- 734003

Subject : Contract Labour (Regulation and Abolition) Act, 1970 and the Rules framed thereunder- Issue of Certificate of Registration thereof.

Dear Sir,

In exercise of the power conferred on me under Sub-Section (2) of Section 7 of the Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed thereunder, I hereby grant you a Certificate of Registration under the same Act to execute the work of "Rehabilitation and upgrading to 2/4 -lane with paved shoulder configuration and Strengthening of Nepal Border (at Banglabandha) comprising of Kakarvitta-Panitanki-Bagdogra-Shibmandir More-Noukaghat-Fulbari-Banglabandha section (totaling 37.271 km0 of AH-02 corridor in the state of West Bengal SASEC Road, Connectivity Investment Programm (Contract No. SRCIP-Mo RTH/WB-AH-02" through different contractors. You are requested to get the Certificate of Registration amended from time to time, as required under rule 18(1) of the above enactment. You are also requested to advise the concerned contractors to obtain licence from this office immediately and also to comply the other provisions under various Labour Laws.

This Certificate of Registration is granted to you without prejudice to any legal action that the department may initiate against you for violation of any of the provisions of the Act & Rules framed thereunder.

Please acknowledge the receipt of the same.

Yours faithfully,
Encl: as above.

(Signature)
(Dr. A. Narasaiah)
Assistant Labour Commissioner (Central)
Kolkata & Registering Officer
সাহসর্গ্য অধ্যক্ষ (কেন্দ্রীয়), কলকাতা
ASSISTANT LABOUR COMMISSIONER (CENTRAL)

Copy forwarded to:

1. Copy together with a copy of application for Certification of Registration in Form- I forwarded to the LEO(C), KOLKATA – for information.
2. The Dy. Chief Labour Commissioner (Central), Kolkata for information.

(Dr. A. Narasaiah)
Assistant Labour Commissioner (Central)
Kolkata & Registering Officer

RECEIVED
No. 599 Dt. 08.09.15
Office of the Project Director
P. I. U.-II
P.W. (Roads) Dte
Govt. of West Bengal

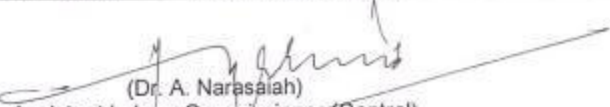
FORM-II
(See Rule 18(1))
Certification of Registration
Government of India
Ministry of Labour & Employment
Office of the Dy. Chief Labour Commissioner(C)
2nd M.S. Building, 5th Floor, Nizam Palace,
234/4, A. J.C. Bose Road, Kolkata-20.

No. 46/R(31)/2015-E.2

Dated : 25/8/2015

A Certificate of Registration containing the following particulars is hereby granted under Sub-section (2) of Sec.7 of the Contract Labour (Regulation and Abolition) Act, 1970 and the rules framed thereunder to The Project Director (AH-02) Project Implementation Unit-II P.W.(Roads) Directorate, Vivekananda Bhawan (N.B.D.D.) Building)1st Floor, Siliguri-734003.

1. Nature of work carried on in the establishment	Rehabilitation and upgrading to 2/4 -lane with paved shoulder configuration and Strengthening of Nepal Border (at Banglabandha) comprising of Kakarvitta-Panitanki-Bagdogra-Shibmandir More-Noukaghat-Fulbari-Banglabandha section (totaling 37.271 km0 of AH-02 corridor in the state of West Bengal SASEC Road. Connectivity Investment Programm (Contract No. SRCIP-Mo RTH/WB-AH-02
2. Names and addresses of Contractors	Dineshchandra R. Agarwal Infracon Pvt Ltd. Engineers & Contractors 401, the Grand Mall S.M. Road, Ambawadi, Ahmedabad-380015, Gujarat, India.
3. Nature of work in which contract labour is employed or is to be employed	Rehabilitation and upgrading to 2/4 -lane with paved shoulder configuration and Strengthening of Nepal Border (at Banglabandha) comprising of Kakarvitta-Panitanki-Bagdogra-Shibmandir More-Noukaghat-Fulbari-Banglabandha section (totaling 37.271 km0 of AH-02 corridor in the state of West Bengal SASEC Road. Connectivity Investment Programm (Contract No. SRCIP-Mo RTH/WB-AH-02.
4. Maximum number of contract labour is to employed on any day through each contractor	300 (three hundred)
5. Other particulars relevant to the employment of Contract Labour	DD. NO. 785158 dated 06.08.2015 for Rs.1500/- of State Bank of India,


(Dr. A. Narasiah)
Assistant Labour Commissioner (Central)
Kolkata & Registering Officer

ASSISTANT LABOUR COMMISSIONER (CENTRAL)
KOLKATA

FORM I

[See Rule 17(1)]

Application for Registration of Establishments Employing Contract Labour

1. Name and location of the Establishment : Office of the Project Director (AH – 02)
Project Implementation Unit- II
P.W. (Roads) Directorate
Vivekananda Bhawan 1st Floor,
Siliguri – 734003.
2. Postal address of the Establishment : Office of the Project Director (AH – 02)
Project Implementation Unit- II
P.W. (Roads) Directorate
Vivekananda Bhawan
1st Floor, Siliguri – 734003
3. Full name and address of the principal Employer (Furnish father's name in the case of individuals) : Shri Nirmal Mondal
S/O – Shri Narendra Nath Mondal
Project Director (AH – 02)
Project Implementation Unit- II
P.W. (Roads) Directorate
Vivekananda Bhawan
1st Floor, Siliguri – 734003
4. Full name and address of the manager or person responsible for the supervision and control of the Establishment : Shri Gauranga Bhaumik
Assistant Project Manager
Office of the Project Director (AH – 02)
Project Implementation Unit- II
P.W. (Roads) Directorate
Vivekananda Bhawan
1st Floor, Siliguri – 73400
5. Nature of work carried on in the Establishment : Rehabilitation and Upgrading to 2/4-lane with paved shoulder configuration and Strengthening of Nepal Border (at Kakarvitta) to Bangladesh Border (at Banglabandha) comprising of Kakarvitta- Panitanki- Bagdogra- Shibmandir More- Nougahat- Fulbari- Banglabandha section (totalling 37.271 km) of AH-02 corridor in the state of West Bengal SASEC Road Connectivity Investment Program (Contract No.SRCIP – MoRTH/WB- AH- 02).
6. Particulars of Contractors and Contract labour
- a) Names and addresses of Contractors : Dineshchandra R. Agarwal Infracon Pvt. Ltd. Engineers & Contractors
Dineshchandra R. Agarwal Infracon Pvt. Ltd. Engineers & Contractors,
401, the Grand Mall
S.M. Road, Ambawadi
Ahmedabad – 380015 Gujarat, India
Site Office Address –
Bolbom Service Centr
Satbhaiya, Daribasti
P.O+ P.S. Naxalbari,
Darjeeling, West Bengal – 734429

.) Nature of work in which contract labour is employed, or is to be employed

: Rehabilitation and Upgrading to 2/4-lane with paved shoulder configuration and strengthening of Nepal Border (at Kakarvitta) to Bangladesh Border (at Banglabandha) comprising of Kakarvitta-Panitanki- Bagdogra- Shibmandir More- Noukaghat- Fulbari- Banglabandha section (totalling 37.271 km) AH-02 corridor in the state of West Bengal under IND (47116)- SASEC Road Connectivity Investment Program (Contract No.SRCIP – MoRTH/WB- AH-02).

(c) Maximum numbers of contract labour is employed on any day through each contractor

: 300 (Approx.)

(d) Estimated date of commencement of each contract work under each contractor.

: 28-05-2015

(e) Estimated date of termination of employment or contract labour and under each contractor

: 22-11-2022

7.Particulars of demand draft enclosed (Name of the Bank, amount, demand draft No. and date);

: SBI, Code no.12405 for Rs.15000 drawn in favour of ALC(Central) Kolkata DD No. 785158 dt.6.8.15

I hereby declare that the particulars given above are true to the best of my knowledge and belief.


Principal Employer
Seal and Stamp
Project Director
Asian Highway-02
SASEC Road Project
P.W.(R) Directorate
Siliguri

Office of the Registering Officer.
Date of receipt of application.

Annexure 4: Certificate of Registration of Principal Employer with Min of Labour, AH-48

(20-1)

Registered A.D.

Govt. of India
Ministry of Labour & Employment
Office of the Deputy Chief Labour Commissioner (Central)
2nd M. S. Building, 5th floor, Nizam Palace
234/4, A.J.C. Bose Road, Kolkata - 700 020

Dated: 18/8/2015

NO. 46/R (30) /2015-E.2

To
The Project Director,
Asian Highway 48 Project & Executive Engineer
Construction Division, Ananda Nagar
Maynaguri Stackyard Maynaguri, Dist Jalpaiguri
PIN- 735 224

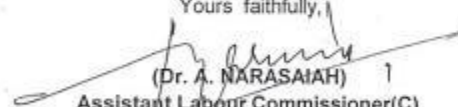
Subject:- Contract Labour (Regulation and Abolition) Act, 1970 and the Rules framed thereunder – issued of Certificate of Registration thereof.

Dear Sir,

In exercise of the power conferred on me under Sub-section (2) of Section 7 of the Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed thereunder, I hereby grant you a Certificate of Registration under the same Act to execute the work of "Rehabilitation and upgrading to 2-lane with paved shoulder configuration and Strengthening of Bhutan Border (at Pasakha) to Bangladesh Border (at Chagrabandha) comprising of Jaijain-Hasinara – Dhugguri Section and Mainaguri Chagrabandha section (totling 90.568) Km including Pasakha access road of AH-48 corridor in state of West Bengal under IND (47118) SASEC Road Connectivity investment program(SRCIP) " from time to time, as required under rule 18(4) of the above enactment. You are also requested to advise the concerned contractors to obtain licence from this office immediately and also to comply the other provisions under various Labour Laws.

This certificate of Registration is granted to you without prejudice to any legal action that the department may initiate against you for violation of any of the provisions of the Act & Rules framed thereunder.

Please acknowledge the receipt of the same.


Yours faithfully,

(Dr. A. NARASAI AH)
Assistant Labour Commissioner(C)
Kolkata and Registering Officer

Encl: As above.

Copy forwarded to:-

1. Copy together with a copy of application for Certification of Registration in Form-I forwarded to the LEO@ Siliguri for information.
2. The Dy. Chief Labour Commissioner (Central) Kolkata for information.

Assistant Labour Commissioner(C)
Kolkata and Registering Officer





FORM-II सहायक श्रमयुक्त (केन्द्रीय) का कार्यालय कोलकाता- 20
Office of the Assistant Labour Commissioner (C) Kolkata- 20
(See Rule 18(1) अथवा अधिनियम (विनियम) 18 (केन्द्रीय) अधिनियम 1970
Govt. of India The Contract Labour (Regulation and Abolition) Act, 1970

Ministry of Labour & Employment
Office of the Deputy Chief Labour Commissioner (Central)
2nd M. S. Building, 5th floor, Nizam Palace
234/4, A.J.C. Bose Road, Kolkata - 700 020



भारत सरकार / Ministry of India
एजीकएल आरओ / Registering Officer
Dated: - 18/8/2015

NO. 46/R (30)/2015-E.2

A certificate of Registration containing the following particulars is hereby granted under Sub-section (2) of Sec. 7 of the Contract Labour (Regulation and Abolition) Act, 1970 and the rules framed thereunder The Project Director, Asian Highway 48 Project & Executive Engineer, Construction Division, Ananda Nagar, Maynaguri Stackyard Maynaguri, Dist Jalpaiguri. PIN-735 224

1. Nature of work carried on in the establishment	Rehabilitation and upgrading to 2 -lane with paved shoulder configuration and Strengthening of Bhutan Border (at Pasakha) to Bangladesh Border (at Changrabandha) comprising of Jaigaon-Hasimara -Dhupguri Section
2. Name and addresses of Contractors	As per list enclosed.
3. Nature of work in which contract labour is employed or is to be employed	Rehabilitation and upgrading to 2 -lane with paved shoulder configuration and Strengthening of Bhutan Border (at Pasakha) to Bangladesh Border (at Changrabandha) comprising of Jaigaon-Hasimara -Dhupguri Section and Mainaguri Changrabandha section (totaling 90.568) Km including Pasakha access road of AH-48 corridor in state of West Bengal under IND (47118) SASEC Road Connectivity investment program(SRCIP)
4. Maximum number of contract labour is to employed on any day through each contractor.	Maximum
5. Other particulars relevant to the employment of Contract Labour.	DD No. 760912 dated 22/7/2015 for Rs. 1500/- of SBI.

(Dr. A. NARASAI AH)
Assistant Labour Commissioner(C)
Kolkata and Registering Officer

सहायक श्रमयुक्त (केन्द्रीय), कोलकाता
ASSISTANT LABOUR COMMISSIONER (CENTRAL)
KOLKATA

FORM I*[See Rule 17(1)]***Application for Registration of Establishments Employing Contract Labour**

1. Name and location of the Establishment : Project Director,
Asian Highway – 48 Project &
Executive Engineer
Construction Division
Special Project
2. Postal address of the Establishment : Ananda Nagar,
Maynaguri Stackyard
Maynaguri
Dist: Jalpaiguri
3. Full name and address of the principal Employer
(Furnish father's name in the case of individuals) : Chief Engineer (P-3)
Ministry of Road Transport & Highways
Transport Bhawan
Parliament Road
New Delhi
4. Full name and address of the manager or person
responsible for the supervision and control of the
Establishment : Deepak Kumar Singh
Project Director, Asian Highway - 48
Ananda Nagar, Maynaguri Stackyard
Dist: Jalpaiguri
5. Nature of work carried on in the Establishment : Rehabilitation and Upgrading to 2-lane
with paved shoulder configuration and Strengthening of Bhutan Border (at Pasakha) to Bangladesh
Border (at Changrabandha) comprising of Jaigaon-Hasimara-Dhupguri section and Mainaguri –
Changrabandha section (totalling 90.568 Km) including Pasakha access road of AH-48 corridor in the
state of West Bengal under IND (47116)- SASEC Road Connectivity Investment Program (SRCIP)
6. Particulars of Contractors and Contract labour
- a) Names and addresses of Contractors : Punj Lloyd Ltd.
Near Indira More
Uttar Madhabdanga
Maynaguri
Dist. Jalpaiguri
- (b) Nature of work in which contract labour
is employed, or is to be employed : Rehabilitation and Upgrading to 2-lane
with paved shoulder configuration and Strengthening of Bhutan Border (at Pasakha) to Bangladesh
Border (at Changrabandha) comprising of Jaigaon-Hasimara-Dhupguri section and Mainaguri –
Changrabandha section (totalling 90.568 Km) including Pasakha access road of AH-48 corridor in the
state of West Bengal under IND (47116)- SASEC Road Connectivity Investment Program (SRCIP)
- (c) Maximum numbers of contract labour is
employed on any day through each contractor : 300
- (d) Estimated date of commencement of each
contract work under each contractor. : 28-05-2015

(e) Estimated date of termination of employment or contract labour and under each contractor : 22-11-2022

7. Particulars of demand draft enclosed (Name of the Union Bank, amount, demand draft No. and date);

I hereby declare that the particulars given above are true to the best of my knowledge and belief.


Principal Employer
Seal and Stamp of
Project Director
Asian Highway- 48 Project
&
Executive Engineer
Construction Division
Special Project

Office of the Registering Officer,
Date of receipt
of application.

Annexure 5: PUC of vehicles and machinery**AH-02: PUC of Vehicles:**

Sr No.	Registration No.	PUC Validity	Belongs to (DRA/Hire/Sub-contractor)
Hyva (Tipper)			
1	NL02L 0860	11/Oct/2016	DRA
2	NL02L 0862	12/Oct/2016	DRA
3	NL02L 0840	11/Oct/2016	DRA
4	NL02L 0844	12/Oct/2016	DRA
5	NL02L 0872	11/Oct/2016	DRA
6	NL02L 0869	11/Oct/2016	DRA
7	NL02L 0837	11/Oct/2016	DRA
8	NL02L 0838	11/Oct/2016	DRA
9	NL02L 0839	11/Oct/2016	DRA
10	NL02L 0865	11/Oct/2016	DRA
11	NL02L 0871	11/Oct/2016	DRA
12	NL02L 0866	11/Oct/2016	DRA
13	NL02L 4364	11/Oct/2016	DRA
14	NL02L 4363	11/Oct/2016	DRA
15	NL01N 4132	8/Oct/2016	DRA
16	NL01N 4133	8/Oct/2016	DRA
17	NL01N 4134	11/Oct/2016	DRA
18	NL01N 4135	8/Oct/2016	DRA
19	GJ8U-3010	8/Oct/2016	DRA
20	NL02L-0861	8/Oct/2016	DRA
21	NL02L-0864	11/Oct/2016	DRA
22	NL02L-0841	11/Oct/2016	DRA
23	NL02L-0842	11/Oct/2016	DRA
24	NL 01L-8159	13/Mar/2017	DRA
25	NL 01L-8139	13/Mar/2017	DRA
26	NL 01L-3778	13/Mar/2017	DRA
27	NL02L-0868	11/Oct/2016	DRA
Transit Mixture			
1	NL01K 8413	12/Oct/2016	DRA
2	NL01K	11/Oct/2016	DRA

Sr No.	Registration No.	PUC Validity	Belongs to (DRA/Hire/Sub-contractor)
	8414	6	
3	NL01K 4302	12/Oct/2016	DRA
4	NL01L 1537	11/Oct/2016	DRA
5	NL01K 3780	11/Oct/2016	DRA
6	NL02L-0845	12/Oct/2016	DRA
7	NL 01Q-1550	13/Feb/2017	DRA
8	NL02L-0870	12/Oct/2016	DRA
Motor Grader			
1	NL02L 8793	11/Oct/2016	DRA
2	NL02L 8764	12/Oct/2016	DRA
3	NL02L-8797	13/Mar/2017	DRA
4	NL 02N-7003	13/Mar/2017	DRA
Tractor Grader			
1	WB33C-2742	11/Oct/2016	DRA
Soil Compactor			
1	NL02L 8804	12/Oct/2016	DRA
2	NL02L 8790	8/Oct/2016	DRA
3	NL02L 8769	11/Oct/2016	DRA
4	NL02LN-4859	12/Oct/2016	DRA
5	NL02K 2602	12/Oct/2016	DRA
6	NL 01Q-2469	13/Mar/2017	DRA
7	NI02L-8798	13/Mar/2017	DRA
Pneumatic Tyre Roller			
1	NL01Q-2471	13/Mar/2017	DRA
Wheel Loader			
1	NL02L 1509	11/Oct/2016	DRA
2	NL 01Q-0271	13/Mar/2017	DRA
Backhoe Loader			
1	NL02L 1495	12/Oct/2016	DRA
2	WB29A	12/Oct/2016	DRA

Sr No.	Registration No.	PUC Validity	Belongs to (DRA/Hire/Sub-contractor)
	0604	6	
3	NL01K 8411	11/Oct/2016	DRA
4	NL02L 1490	12/Oct/2016	DRA
Hydra			
1	NL02L 1489	12/Oct/2016	DRA
2	NL 02N-0964	13/Mar/2017	DRA
3	NL 02N 0972	13/Mar/2017	DRA
4	NL02N-5809	12/Oct/2016	DRA
Diesel Tanker			
1	WB29A 4689	11/Oct/2016	DRA
Trailer			
1	NL01L-9372	11/Oct/2016	DRA
2	NL01L-1417	2/Dec/2016	Hire
3	NL01N-3260	16/Dec/2016	Hire
LMV			
1	WB74AF-4577	11/Oct/2016	DRA
2	WB02Y-3545	10/Oct/2016	DRA
3	WB 74 AL-1185	3/Mar/2017	DRA
4	GJF-4515	11/Oct/2016	DRA

Sr No.	Registration No.	PUC Validity	Belongs to (DRA/Hire/Sub-contractor)
		6	
5	WB 29 A 1719	12/Oct/2016	DRA
6	WB33B 3739	12/Oct/2016	DRA
7	WB33B 2429	11/Oct/2016	DRA
8	WB33B 8936	11/Oct/2016	DRA
9	WB33B 8937	11/Oct/2016	DRA
10	WB33B 8141	11/Oct/2016	DRA
11	WB33B 2759	11/Oct/2016	DRA
12	WB 29 A 0120	11/Oct/2016	DRA
13	WB34AD-4545	3/Mar/2017	DRA
14	WB03C 7902	12/Oct/2016	DRA
15	WB74K 5118	20/Nov/2016	Hire
16	WB74AK 9863	31/Dec/2017	Hire
Wheeler Truck			
1	NL01N 3354	8/Oct/2016	DRA
Boom Placer			
1	NL 01N-8855	13/Mar/2017	DRA

AH-48: PUC of Vehicles

S. No.	Vehicle / Equipment Type	Registration Number	Belongs to (PLL/Hire/ Sub-contractor)	PUC Validity	
				FROM	TO
1	Tipper	WB-71A-9099	PLL	09-05-2016	08-11-2016
2	Tipper	WB-71A-9000	PLL	09-05-2016	08-11-2016
3	Tipper	WB-71A-8999	PLL	09-05-2016	08-11-2016
4	Tipper	WB-71A-9095	PLL	09-05-2016	08-11-2016
5	Tipper	WB-71-A-9098	PLL	17-05-2016	16-11-2016
6	Tipper	WB-71A-8944	PLL	09-05-2016	08-11-2016
7	Tipper	WB-71A-9097	PLL	09-05-2016	08-11-2016
8	Tipper	WB-71A-9096	PLL	09-05-2016	08-11-2016
9	Tipper	WB-71A-8936	PLL	09-05-2016	08-11-2016
10	Tipper	WB-71A-8937	PLL	09-05-2016	08-11-2016
11	Tipper	WB-71A-9143	PLL	17-05-2016	16-11-2016
12	Millar	WB-57-B-0391	PLL	27-04-2016	26-10-2016
13	Diesel Tanker	SK-01D-2387	PLL	28-04-2016	27-10-2016
14	Wheel Loader	CG-11AB-1325	PLL	28-04-2016	27-10-2016
15	Tata – Water Tanker	SK-01D - 2379	PLL	26-04-2016	25-10-2016

Annexure 6: PPE Issued to Worker from June 2015 to December 2015**AH-02: Issue of PPE**

Sl. No.	Item description	Unit	January/16	February/16	March/16	April/16	May/16	June/16	Total
1	Cotton hand gloves	Pair	65	11	52	178	260	121	687
2	Gum boot	Pair	25	2	12	5	46	26	116
3	Helmet	Nos.	94	34	29	142	155	24	478
4	Nose mask	Nos.	10	8	10	67	47		142
5	Rubber hand gloves	Pair	2	-	2	22	16	11	53
6	Safety jacket	Nos.	129	41	86	149	203	117	725
7	Safety shoes	Pair	2	-	5	237	57	6	307
8	Flash back arrester	Nos.	-	2	3	-	-	-	5
9	Welding glass	Nos.	-	-	0	0	1	1	2
10	Safety google	Nos.	-	-	0	13	6	23	42
11	Rain coat	Pair	-	-	0	0	132	117	249
12	Safety belt	Nos.	-	-	-	-	9	-	9

AH-48: Issue of PPE:

Item description	Jan	Feb	Mar	Apr	May	June	Total nos.
Respirators, nose mask	224	100	195	230	210	275	1234
Hand gloves, 5 fingers,cotton,8 inch	200	220	275	190	170	205	1260
Hand gloves, 5 fingers,leather,14 inch	25	20	40	30	15	25	155
Safety shoe, leather,assorted(staff)	105	125	80	170	90	100	670
Safety helmet	180	125	100	175	70	110	760
Gum boot	40	25	27	12	18	21	143
Hand gloves, rubber,8 inch	69	55	32	46	62	48	312
Safety jacket (green)	210	186	110	350	90	72	1018
Ear plug	45	70	84	53	38	94	384

Annexure 7: Environmental Monitoring Test Results, AH-02

Mitra S. K. Private Limited



Shrachi Centre (6th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T: 91 33 22172249 / 40143000 / 22650006 / 22650007
F: 91 33 22650008
E: info@mitrask.com
W: www.mitrask.com

TEST REPORT

Name & Address of the Customer :
DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD.

Bolbom Shankar Service Station, Satbhaiya Dari Basti,
P.O + P.S : Naxalbari, Dist. Darjeeling, West Bengal - 734429
Ref. No. & Date : DRA/AH-02/WO/15-16/36 . DTD- 31.01.2016

Report No. : EC/048
Date : 11.04.2016
Sample Description :
Ambient Air

ANALYSIS RESULT

Sl. No.	Date of Monitoring	Location	Co-ordinates	Concentration of Pollutants					
				PM ₁₀ in µg/m ³	PM _{2.5} in µg/m ³	Sulphur Dioxide (SO ₂) in µg/m ³	Nitrogen Dioxide (NO ₂) in µg/m ³	Carbon monoxide (CO) in mg/m ³	Lead (Pb) in µg/m ³
1	03.03.2016 to 04.03.2016 (12.30 pm to 12.30 pm)	km 08+750 (WMM & Batching plant in Camp 1)	26°41'10.2"N 88°13'17.4"E	119	58	5.9	26.2	0.68	0.02
2	04.03.2016 to 05.03.2016 (3.40 pm to 3.40 pm)	km 09+777 (HMP in Camp 3)	26°41'13.2"N 88°13'54.6"E	97	52	5.4	23.8	0.59	<0.02
3	06.03.2016 to 07.03.2016 (1.30 pm to 1.30 pm)	km 24+950 (Shivmandir area)	26°42'30.1"N 88°21'42.1"E	120	71	5.9	21.5	0.42	0.03
4	07.03.2016 to 08.03.2016 (2.30 pm to 2.30 pm)	km 27+590 (Near Medical College)	26°41'16.0"N 88°23'05.2"E	97	50	6.7	29.6	0.39	0.02
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. No.B-29016/20/90/PCI-I.				100	60	80	80	2	1
Sampling and Analysis done according to				IS: 5182(Part-23)-2006	USEPA CFR-40, Part-50, Appendix-L	IS: 5182 (Part-2)-2001	IS: 5182 (Part-6)-2006	IS 5182 :(Part-10):1999	EPA-IO 3.2

Report Prepared by:

For Mitra S.K Pvt Ltd

Authorised Signatory

Mitra S. K. Private Limited



Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

TEST REPORT**Name & Address of the Customer :****DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD.**

Bolbom Shankar Service Station, Satbhaya Dari Basti,
P.O + P.S : Naxalbari, Dist. Darjeeling, West Bengal - 734429

Ref. No. & Date : DRA/AH-02/WO/15-16/36 , DTD- 31.01.2016

Report No. : EC/047

Date : 11.04.2016

Sample Description : Noise

ANALYSIS RESULT

Sampling Station	km 09+777 (HMP In Camp 3)	km 22+093 Near University Area	km 19+601 Bagogra Airport More	km 27+590 Near Medical College
Co-Ordinates	N 26°41'14.0" E 88°13'54.2"	N 26°42'20.9" E 88°21'12.7"	N 26°42'03.5" E 88°19'44.6"	N 26°41'16.0" E 88°23'05.2"
Distance Form PCL (m)	25 m	20 m	20 m	10 m
Direction Form Reference Point	RHS	RHS	RHS	RHS
Monitoring Date	3/3/2016 to 4/3/2016	4/3/2016 to 5/3/2016	6/3/2016 to 7/3/2016	7/3/2016 to 8/3/2016
Monitoring Time	6.04 pm to 6.04 pm	4.45 pm to 4.45 pm	6.14 pm to 6.14 pm	12.45 pm to 12.45 pm
Day time Leq dB(A)	60.2	58.0	71.9	62.7
Night time Leq dB(A)	53.0	50.4	66.1	52.8
L10 in dB(A)	51.2	47.1	64.8	50.8
L50 in dB(A)	57.3	54.4	71.6	55.0
L90 in dB(A)	62.3	59.6	72.8	64.6

Noise Limit as per CPCB

Code/ Category	Leq dB(A) Day Time	Leq dB(A) Night Time	NOTE : Day Time : 06.00 Hr.-22.00 Hr. Night Time:22.00 Hr.-06.00 Hr.
A/ Industrial	75	70	
B/ Commercial	65	55	
C/ Residential	55	45	
D/ Silence	50	40	

Report Prepared By

for Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC029037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

**TEST REPORT**

Name & Address of the Customer :
DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD.
Bolbom Shankar Service Station, Satbhaiya Dari Basti,
P.O + P.S : Naxalbari, Dist. Darjeeling, West Bengal - 734429
Ref. No. & Date : DRA/AH-02/WO/15-16/36 , DTD- 31.01.2016

Report No. : EC/045
Date : 11.04.2016
Sample Description : Ground Water
Date of sampling : 08.03.2016

BACTERIOLOGICAL ANALYSIS RESULT

Sampling Location			KM 08+ 750 (WMM and Batching Plant in Camp 1)	KM 09+ 777 (HMP in camp 3)
Latitude			26° 41'09.0"N	26° 41'12.6"N
Longitude			88° 13'20.4"E	88° 13'55.0"E
SL. No.	Test Parameters	Unit	Result	
1.	E.coli	/100ml	Absent	
2.	Total coliform organism	/100ml	Absent	

CHEMICAL ANALYSIS RESULT

Sampling Location			KM 08+ 750 (WMM and Batching Plant in Camp 1)	KM 09+ 777 (HMP in camp 3)
Latitude			26° 41'09.0"N	26° 41'12.6"N
Longitude			88° 13'20.4"E	88° 13'55.0"E
SI No.	Test Parameters	Unit	Result	
1.	Colour	Hazen	<1.0	<1.0
2.	Odour	---	Unobjectionable	Unobjectionable
3.	pH	---	6.89	7.3
4.	Turbidity	NTU	4	<1.0
5.	Total Dissolved Solids	mg/l	98	90
6.	Aluminium (as Al)	mg/l	<0.01	<0.01
7.	Ammonia (as total ammonia- N)	mg/l	<0.1	<0.1
8.	Anionic Detergents (as MBAS)	mg/l	<0.02	<0.02
9.	Barium (as Ba)	mg/l	<0.5	<0.5
10.	Boron (as B)	mg/l	<0.5	<0.5
11.	Calcium (as Ca)	mg/l	11.5	13.2
12.	Chloramines (as Cl ₂)	mg/l	<0.1	<0.1
13.	Chloride (as Cl)	mg/l	6.1	6.2
14.	Copper (as Cu)	mg/l	<0.02	<0.02
15.	Fluoride (as F)	mg/l	<0.1	<0.1
16.	Free Residual Chlorine	mg/l	<0.1	<0.1
17.	Iron (as Fe)	mg/l	0.88	<0.05
18.	Magnesium (as Mg)	mg/l	7.9	7.9
19.	Manganese	mg/l	<0.02	<0.02
20.	Mineral Oil	mg/l	<0.01	<0.01
21.	Nitrate (as NO ₃)	mg/l	<0.4	<0.4
22.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	<0.001	<0.001
23.	Selenium (as Se)	mg/l	<0.005	<0.005
24.	Silver (as Ag)	mg/l	<0.005	<0.005
25.	Sulphate (as SO ₄)	mg/l	<1.0	<1.0
26.	Sulphide (as H ₂ S)	mg/l	<0.01	<0.01

Contd to Page-2

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com



Page - 2
Date- 11.04.2016

EC/ 045

SI No.	Test Parameters	Unit	Result	
27.	Total Alkalinity (as CaCO ₃)	mg/l	77.5	53
28.	Total Hardness (as CaCO ₃)	mg/l	61.8	66
29.	Zinc(as Zn)	mg/l	<0.02	0.08
30.	Cadmium (as Cd)	mg/l	<0.002	<0.002
31.	Cyanide (as CN)	mg/l	<0.01	<0.01
32.	Lead (as Pb)	mg/l	0.005	0.01
33.	Mercury (as Hg)	mg/l	<0.001	<0.001
34.	Molybdenum (as Mo) in mg/l	mg/l	<0.05	<0.05
35.	Nickel (as Ni) in mg/l	mg/l	<0.01	<0.01
36.	Polychlorinated biphenyls (as PCB)	mg/l	<0.0005	<0.0005
37.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	<0.0001	<0.0001
38.	Total Arsenic(as As)	mg/l	<0.01	<0.01
39.	Total Chromium (as Cr)	mg/l	<0.01	<0.01
40.	Bromoform	mg/l	<0.05	<0.05
41.	Dibromochloromethane	mg/l	<0.05	<0.05
42.	Bromodichloromethane	mg/l	<0.05	<0.05
43.	Chloroform	mg/l	<0.05	<0.05
44.	Alachlor	µg/l	<0.02	<0.02
45.	Atrazine	µg/l	<0.02	<0.02
46.	Aldrin	µg/l	<0.01	<0.01
47.	Dieldrin	µg/l	<0.01	<0.01
48.	Alpha-HCH	µg/l	<0.01	<0.01
49.	Beta-HCH	µg/l	<0.01	<0.01
50.	Butachlor	µg/l	<0.02	<0.02
51.	Chlorpyrifos	µg/l	<0.02	<0.02
52.	Delta-HCH	µg/l	<0.01	<0.01
53.	2,4-Dichlorophenoxyacetic acid	µg/l	<0.01	<0.01
54.	o,p-DDT	µg/l	<0.01	<0.01
55.	p,p-DDT	µg/l	<0.01	<0.01
56.	o,p-DDE	µg/l	<0.01	<0.01
57.	p,p-DDE	µg/l	<0.01	<0.01
58.	o,p-DDD	µg/l	<0.01	<0.01
59.	p,p-DDD	µg/l	<0.01	<0.01
60.	Endosulfan alpha	µg/l	<0.01	<0.01

Contd to Page-3



Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com



Page - 3


EC/ 045

Date- 11.04.2016

Sl No.	Test Parameters	Unit	Result	
61.	Endosulfan beta	µg/l	<0.01	<0.01
62.	Endosulfan sulfate	µg/l	<0.01	<0.01
63.	Ethion	µg/l	<0.02	<0.02
64.	Gama-HCH(Lindane)	µg/l	<0.01	<0.01
65.	Isoproturon	µg/l	<0.02	<0.02
66.	Malathion	µg/l	<0.02	<0.02
67.	Methyl parathion	µg/l	<0.02	<0.02
68.	Monocrotophos	µg/l	<0.02	<0.02
69.	Phorate	µg/l	<0.02	<0.02

Report Prepared By 

for Mitra S. K. Private Limited



Authorized Signatory

Mitra S. K. Private Limited



Shrachi Centre (5th Floor)
74B, Acharya Jagadish Charandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

TEST REPORT

Name & Address of the Customer :
DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD.
Bolbom Shankar Service Station, Satbhaiya Dari Basti,
P.O + P.S : Naxalbari, Dist. Darjeeling, West Bengal - 734429
Ref. No. & Date : DRA/AH-02/WO/15-16/36 , DTD- 31.01.2016

Report No. : EC/ 046
Date : 11.04.2016
Sample Description : Surface Water
Date of sampling : 08.03.2016

BACTERIOLOGICAL ANALYSIS RESULT

Sampling Location			Halia River at Km 19+727	Mahananda River at Km 30+ 000
Latitude			26° 42'03.9"N	26° 41'12.9"N
Longitude			88° 19'49.7"E	88° 24'23.4"E
SL. No.	Test Parameters	Unit	Result	
1.	E.coli	/100ml	Present	Present
2.	Total coliform organism	MPN/100ml	920	1600

CHEMICAL ANALYSIS RESULT

Sampling Location			Halia River at Km 19+727	Mahananda River at Km 30+ 000
Latitude			26° 42'03.9"N	26° 41'12.9"N
Longitude			88° 19'49.7"E	88° 24'23.4"E
SI No.	Test Parameters	Unit	Result	
1.	Colour	Hazen	<1.0	<1.0
2.	Odour	---	Unobjectionable	Unobjectionable
3.	pH value at 26°C	---	6.35	7.00
4.	Total Dissolved Solids	mg/l	54	48
5.	Copper (as Cu)	mg/l	<0.02	<0.02
6.	Fluoride (as F)	mg/l	0.17	0.16
7.	Iron (as Fe)	mg/l	0.32	1.39
8.	Manganese (as Mn)	mg/l	<0.02	<0.02
9.	Nitrate (as NO ₃)	mg/l	4.6	2.0
10.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	<0.001	<0.001
11.	Selenium (as Se)	mg/l	<0.005	<0.005
12.	Cadmium (as Cd)	mg/l	<0.001	<0.001
13.	Cyanide (as CN)	mg/l	<0.01	<0.01
14.	Lead (as Pb)	mg/l	<0.005	<0.005
15.	Mercury (as Hg)	mg/l	<0.001	<0.001
16.	Nickel (as Ni)	mg/l	<0.02	<0.02
17.	Arsenic(as As)	mg/l	<0.01	<0.01
18.	Total Chromium (as Cr)	mg/l	<0.01	<0.01
19.	Zinc (as Zn)	mg/l	<0.02	<0.02
20.	Hexavalent Chromium (as Cr ⁺⁶)	mg/l	<0.01	<0.01

Contd to Page-2

Mitra S. K. Private Limited



Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

Page - 2

EC/ 046

Date- 11.04.2016

Sl No.	Test Parameters	Unit	Result	
21.	Vanadium (as V)	mg/l	<0.2	<0.2
22.	Total Suspended Solid	mg/l	3.3	21.2
23.	Temperature	° C	28	28
24.	Dissolved Oxygen	mg/l	6.9	5.2
25.	Biochemical Oxygen Demand (For 3 days at 27°C)	mg/l	<2.0	<2.0
26.	Chemical Oxygen Demand	mg/l	<4.0	<4.0
27.	Oil and Grease	mg/l	<1.4	<1.4
28.	Ammoniacal Nitrogen (as N)	mg/l	<0.1	<0.1
29.	Sulphide (as S)	mg/l	<0.1	<0.1
30.	TKN	mg/l	<0.3	<0.3
31.	Free Ammonia	mg/l	<0.1	<0.1
32.	Total residual chlorine	mg/l	<0.1	<0.1
33.	Bio-assay	---	All fishes survive after 96 hrs in 100% effluent	All fishes survive after 96 hrs in 100% effluent
34.	Dissolved Phosphate (as P)	mg/l	0.07	<0.05
35.	Particle Size Distribution	---	Passes through 850 um IS sieve	Passes through 850 um IS sieve

Report Prepared By 

for Mitra S. K. Private Limited



 Authorised Signatory

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

**TEST REPORT**


Name & Address of the Customer :
DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD.
Bolbom Shankar Service Station, Satbhaiya Dari Basti,
P.O + P.S : Naxalbari, Dist. Darjeeling, West Bengal - 734429

Report No. : EC/ 049
Date : 11.04.2016
Sample Description : Soil

Ref. No. & Date : DRA/AH-02/WO/15-16/36 , DTD- 31.01.2016

CHEMICAL ANALYSIS RESULT

Sampling Location			Tea Garden at Shiv Mandir	Agricultural Field at Fulbari	Agricultural Field at Hatighisa
Latitude			26° 42'50.5"N	26° 28'32.1"N	26° 41'16.0"N
Longitude			88° 22'13.1"E	88° 25'02.3"E	88° 13'55.8"E
Date of Sampling			07.03.2016	07.03.2016	08.03.2016
SI No.	Test Parameters	Unit	Result		
1.	pH (1:2.5) at 25°C	---	4.89	4.15	4.32
2.	Calcium (as Ca)	mg/kg	300	200	400
3.	Chloride (as Cl)	mg/kg	49.5	49.5	39.6
4.	Iron (as Fe)	mg/kg	52.7	9.5	69
5.	Magnesium (as Mg)	mg/kg	60	60	120
6.	Bulk Density	gm/cc	1.25	1.33	1.11
7.	Lead (as Pb)	mg/kg	10.4	7.8	9.4
8.	Sodium (as Na)	mg/kg	10	10	40
9.	Sand	%	63.4	71.7	42.7
10.	Silt	%	25.4	22.1	23.7
11.	Clay	%	11.2	6.2	33.6
12.	Texture	---	Sandy Loam	Sandy Loam	Clay Loam
13.	Electrical conductivity at 25 °C	µs/cm	36.5	37.7	94
14.	Potassium (as K)	mg/kg	50	10	70
15.	Organic Matter	%	2.4	1.53	2.03
16.	Water Holding capacity	%	48.4	33.4	35.6
17.	Phosphorus	mg/kg	62.6	60.6	4.6
18.	Porosity	%	50.8	47.2	54.3
19.	Moisture	%	16.6	4.7	23.8
20.	Nitrogen	mg/kg	361	335	431
21.	Organic Carbon	%	1.4	0.89	1.18
22.	Infiltration rate	mm/Hr	18.3	24.6	6.2
23.	Cation Exchange Capacity	meq/100gm	9.5	6.6	13.3

Report Prepared By 

for Mitra S. K. Private Limited


Authorised Signatory

Annexure 8: Environmental Monitoring Test Results, AH-48

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

TEST REPORT

Name & Address of the Customer : **PUNJ LLOYD LTD.**
Bangladesh Bhutan Road (AH-48) Project Camp-2, Beside NRL Petrol Pump, Paschim Cheka Mari, P.O- Rangalibazna, Vill-Madarihat, Dist.- Alipurduar, West Bengal- 735220

Report No. : EC/245
Date : 29.04.2016

Sample Description : Ground Water

Ref. No. & Date : PLL/BB1/2016/WO/0020 , DTD- 21.03.2016

BACTERIOLOGICAL ANALYSIS RESULT

Sampling Location	Camp -1 at km 19+800	Camp-2 at km 75+160	At km 74+660
Date of Sampling	10.04 2016	09.04 2016	09.04 2016
Latitude	26°32'50.2" N	26°41'06.7" N	26°40'56.5" N
Longitude	88°49'39.2" E	89°14'03.8" E	88°13'22.1" E
SL. No.	Test Parameters	Unit	Result
1.	E.coli	/100ml	Not Detected
2.	Total coliform organism	/100ml	Detected

CHEMICAL ANALYSIS RESULT

Sampling Location	Camp -1 at km 19+800	Camp-2 at km 75+160	At km 74+660
Date of Sampling	10.04 2016	09.04 2016	09.04 2016
Latitude	26°32'50.2" N	26°41'06.7" N	26°40'56.5" N
Longitude	88°49'39.2" E	89°14'03.8" E	88°13'22.1" E
SI No.	Test Parameters	Unit	Result
1.	Colour	Hazen	<1.0
2.	Odour	---	Odourless
3.	pH	---	6.97
4.	Turbidity	NTU	<1.0
5.	Total Dissolved Solids	mg/l	220
6.	Aluminium (as Al)	mg/l	<0.01
7.	Ammonia (as total ammonia-N)	mg/l	<0.1
8.	Anionic Detergents (as MBAS)	mg/l	<0.02
9.	Barium (as Ba)	mg/l	<0.5
10.	Boron (as B)	mg/l	<0.5
11.	Calcium (as Ca)	mg/l	41.2
12.	Chloramines (as Cl ₂)	mg/l	<0.1
13.	Chloride (as Cl)	mg/l	11.0
14.	Copper (as Cu)	mg/l	<0.02
15.	Fluoride (as F)	mg/l	<0.1
16.	Free Residual Chlorine	mg/l	<0.1
17.	Iron (as Fe)	mg/l	<0.05
18.	Magnesium (as Mg)	mg/l	19.9
19.	Manganese	mg/l	<0.02
20.	Mineral Oil	mg/l	<0.01
21.	Nitrate (as NO ₃)	mg/l	2.2
22.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	<0.001

Contd to Page-2

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037



T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

EC/245

Page - 2
Date- 29.04.2016


Sl No.	Test Parameters	Unit	Result		
23.	Selenium (as Se)	mg/l	<0.005	<0.005	<0.005
24.	Silver (as Ag)	mg/l	<0.005	<0.005	<0.005
25.	Sulphate (as SO ₄)	mg/l	<1.0	12.84	13.08
26.	Sulphide (as H ₂ S)	mg/l	<0.01	<0.01	<0.01
27.	Total Alkalinity (as CaCO ₃)	mg/l	15	195.0	155
28.	Total Hardness (as CaCO ₃)	mg/l	19.8	186.1	142.6
29.	Zinc (as Zn)	mg/l	<0.02	<0.02	<0.02
30.	Cadmium (as Cd)	mg/l	<0.002	<0.002	<0.002
31.	Cyanide (as CN)	mg/l	<0.01	<0.01	<0.01
32.	Lead (as Pb)	mg/l	<0.005	<0.005	<0.005
33.	Mercury (as Hg)	mg/l	<0.001	<0.001	<0.001
34.	Molybdenum (as Mo) in mg/l	mg/l	<0.05	<0.05	<0.05
35.	Nickel (as Ni) in mg/l	mg/l	<0.01	<0.01	<0.01
36.	Polychlorinated biphenyls (as PCB)	mg/l	<0.0005	<0.0005	<0.0005
37.	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	<0.0001	<0.0001	<0.0001
38.	Total Arsenic (as As)	mg/l	<0.01	<0.01	<0.01
39.	Total Chromium (as Cr)	mg/l	<0.01	<0.01	<0.01
40.	Bromoform	mg/l	<0.05	<0.05	<0.05
41.	Dibromochloromethane	mg/l	<0.05	<0.05	<0.05
42.	Bromodichloromethane	mg/l	<0.05	<0.05	<0.05
43.	Chloroform	mg/l	<0.05	<0.05	<0.05
44.	Alachlor	µg/l	<0.02	<0.02	<0.02
45.	Atrazine	µg/l	<0.02	<0.02	<0.02
46.	Aldrin	µg/l	<0.01	<0.01	<0.01
47.	Dieldrin	µg/l	<0.01	<0.01	<0.01
48.	Alpha-HCH	µg/l	<0.01	<0.01	<0.01
49.	Beta-HCH	µg/l	<0.01	<0.01	<0.01
50.	Butachlor	µg/l	<0.02	<0.02	<0.02
51.	Chlorpyrifos	µg/l	<0.02	<0.02	<0.02
52.	Delta-HCH	µg/l	<0.01	<0.01	<0.01
53.	2,4-Dichlorophenoxyacetic acid	µg/l	<0.01	<0.01	<0.01
54.	o,p-DDT	µg/l	<0.01	<0.01	<0.01
55.	p,p-DDT	µg/l	<0.01	<0.01	<0.01
56.	o,p-DDE	µg/l	<0.01	<0.01	<0.01
57.	p,p-DDE	µg/l	<0.01	<0.01	<0.01
58.	o,p-DDD	µg/l	<0.01	<0.01	<0.01
59.	p,p-DDD	µg/l	<0.01	<0.01	<0.01
60.	Endosulfan alpha	µg/l	<0.01	<0.01	<0.01

Contd to Page-3

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22550006 / 22550007
F : 91 33 22550008
E : info@mitrask.com
W : www.mitrask.com


TESTING INSPECTOR

Page - 3
Date- 29.04.2016

EC/245

Sl No.	Test Parameters	Unit	Result		
61.	Endosulfan beta	µg/l	<0.01	<0.01	<0.01
62.	Endosulfan sulfate	µg/l	<0.01	<0.01	<0.01
63.	Ethion	µg/l	<0.02	<0.02	<0.02
64.	Gamma-HCH(Lindane)	µg/l	<0.01	<0.01	<0.01
65.	Isoproturon	µg/l	<0.02	<0.02	<0.02
66.	Malathion	µg/l	<0.02	<0.02	<0.02
67.	Methyl parathion	µg/l	<0.02	<0.02	<0.02
68.	Monocrotophos	µg/l	<0.02	<0.02	<0.02
69.	Phorate	µg/l	<0.02	<0.02	<0.02

Report Prepared By 

for Mitra S. K. Private Limited

Authorised Signatory



Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037



T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

TEST REPORT

Name & Address of the Customer :

PUNJ LLOYD LTD.

Bangladesh Bhutan Road (AH-48) Project Camp-2, Beside NRL Petrol Pump,
Paschim Cheka Mari, P.O- Rangalibazna, Vill.-Madarihat, Dist.- Alipurduar,
West Bengal- 735220

Report No. : EC/246

Date : 29.04.2016

Sample Description : Surface Water

Ref. No. & Date : PLL/BB1/2016/WO/0020 , DTD- 21.03.2016

CHEMICAL ANALYSIS RESULT

Sampling Location			River at km 48+300	Torsa River at km 87+847	River at km 42+200
Date of Sampling			09.04.2016	09.04.2016	09.04.2016
Latitude			26°39'30.7" N	26°43'43.6" N	26°37'02.3" N
Longitude			89°01'43.6" E	89°19'26.6" E	89°00'38.4" E
Sl No.	Test Parameters	Unit	Result		
1.	Colour	Hazen	<1.0	<1.0	<1.0
2.	Odour	---	Unobjectionable	Unobjectionable	Unobjectionable
3.	pH value at 26°C	---	7.25	7.66	8.31
4.	Total Dissolved Solids	mg/l	130	76	218
5.	Copper (as Cu)	mg/l	<0.02	<0.02	<0.02
6.	Fluoride (as F)	mg/l	2.01	1.97	1.94
7.	Iron (as Fe)	mg/l	1.86	1.17	1.21
8.	Manganese (as Mn)	mg/l	<0.02	<0.02	<0.02
9.	Nitrate (as NO ₃)	mg/l	3.44	2.15	0.70
10.	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	<0.001	<0.001	<0.001
11.	Selenium (as Se)	mg/l	<0.005	<0.005	<0.005
12.	Cadmium (as Cd)	mg/l	<0.001	<0.001	<0.001
13.	Cyanide (as CN)	mg/l	<0.01	<0.01	<0.01
14.	Lead (as Pb)	mg/l	<0.005	<0.005	<0.005
15.	Mercury (as Hg)	mg/l	<0.001	<0.001	<0.001
16.	Nickel (as Ni)	mg/l	<0.02	<0.02	<0.02
17.	Arsenic(as As)	mg/l	<0.01	<0.01	<0.01
18.	Total Chromium (as Cr)	mg/l	<0.01	<0.01	<0.01
19.	Zinc (as Zn)	mg/l	<0.02	<0.02	<0.02
20.	Hexavalent Chromium (as Cr ⁶⁺)	mg/l	<0.01	<0.01	<0.01

Contd to Page-2

Mitra S. K. Private Limited



Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

Page - 2

EC/ 246

Date- 29.04.2016

SI No.	Test Parameters	Unit	Result		
21.	Vanadium (as V)	mg/l	<0.2	<0.2	<0.2
22.	Total Suspended Solid	mg/l	9.2	8.0	4.4
23.	Temperature	°C	23	24.4	26.4
24.	Dissolved Oxygen	mg/l	7.0	8.0	6.6
25.	Biochemical Oxygen Demand (For 3 days at 27°C)	mg/l	<2.0	<2.0	<2.0
26.	Chemical Oxygen Demand	mg/l	<4.0	<4.0	<4.0
27.	Oil and Grease	mg/l	<1.4	<1.4	<1.4
28.	Ammoniacal Nitrogen (as N)	mg/l	<0.1	<0.1	<0.1
29.	Sulphide (as S)	mg/l	<0.1	<0.1	<0.1
30.	TKN	mg/l	<0.3	<0.3	<0.3
31.	Free Ammonia	mg/l	<0.1	<0.1	<0.1
32.	Total residual chlorine	mg/l	<0.1	<0.1	<0.1
33.	Bio-assay	---	All fishes survive after 96 hrs in 100% effluent	All fishes survive after 96 hrs in 100% effluent	All fishes survive after 96 hrs in 100% effluent
34.	Dissolved Phosphate (as P)	mg/l	<0.05	<0.05	<0.05
35.	Particle Size Distribution	---	Passes through 850 um IS sieve	Passes through 850 um IS sieve	Passes through 850 um IS sieve

Report Prepared By

for Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037



T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

TEST REPORT

Name & Address of the Customer :

PUNJ LLOYD LTD.

Bangladesh Bhutan Road (AH-48) Project Camp-2, Beside NRL Petrol Pump,
Paschim Cheka Mari, P.O- Rangalibazna, Vill-Madarihat, Dist.- Alipurduar,
West Bengal- 735220

Report No. : EC/247

Date : 29.04.2016

Sample Description : Soil

Ref. No. & Date : PLL/BB1/2016/WO/0020 , DTD- 21.03.2016

CHEMICAL ANALYSIS RESULT

Sampling Location			Dhupguri Town at km 45+000	Gaikata Town at km 55+760	Birpara Town at km 66+300
Date of Sampling			09.04.2016	09.04.2016	09.04.2016
Latitude			26°37'51.1" N	26°42'11.3" N	26°42'13.1" N
Longitude			89°01'32.3" E	89°02'37.6" E	89°09'14.8" E
Sl No.	Test Parameters	Unit	Result		
1.	pH (1:2.5) at 26°C	---	4.5	5.59	4.19
2.	Calcium (as Ca)	mg/kg	396	990	396
3.	Chloride (as Cl)	mg/kg	49	49	58.8
4.	Iron (as Fe)	mg/kg	44.6	25.6	20.2
5.	Magnesium (as Mg)	mg/kg	118.8	178.2	118.8
6.	Bulk Density	gm/cc.	1.23	1.14	1.11
7.	Lead (as Pb)	mg/kg	10.2	12.6	9.3
8.	Sand	%	58.7	28.9	28.3
9.	Silt	%	27.0	37.5	23.6
10.	Clay	%	14.3	33.6	48.1
11.	Texture	---	Sandy Loam	Clay Loam	Clay
12.	Electrical conductivity at 25°C	µs/cm	64.3	61.4	78.6
13.	Potassium (as K)	mg/kg	60	20	100
14.	Organic Matter	%	1.41	2.2	1.36
15.	Water Holding capacity	%	46.5	48.5	59.6
16.	Phosphorus	mg/kg	75.7	<3.0	6.9
17.	Porosity	%	50.2	53.1	56.3
18.	Moisture	%	26.7	42.8	28.9
19.	Nitrogen	mg/kg	323	346	225
20.	Organic Carbon	%	0.82	1.27	0.79
21.	Infiltration rate	mm/Hr	18.6	7.2	4.2

Report Prepared By 

for Mitra S. K. Private Limited

Authorised Signatory



Mitra S. K. Private Limited

Shrachi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

**TEST REPORT**

Name & Address of the Customer :

PUNJ LLOYD LTD.

Bangladesh Bhutan Road (AH-48) Project Camp-2, Beside NRL Petrol Pump,
Paschim Cheka Mari, P.O- Rangalibazna, Vill-Madarihat, Dist.- Alipurduar,
West Bengal- 735220

Report No. : EC/248

Date : 29.04.2016

Sample Description : Soil

Ref. No. & Date : PLL/BB1/2016/WO/0020 , DTD- 21.03.2016

CHEMICAL ANALYSIS RESULT

Sampling Location			Dalsinghpara at km 88+000	Madhya Madarihat at km 80+000	Bhotpaatti village at km 13+500
Date of Sampling			09.04.2016	09.04.2016	10.04.2016
Latitude			26°46'13.8" N	26°41'26.0" N	26°29'41.5" N
Longitude			89°21'43.3" E	89°16'51.0" E	88°50'35.7" E
SI No.	Test Parameters	Unit	Result		
1.	pH (1:2.5) at 26°C	---	4.2	6.69	4.49
2.	Calcium (as Ca)	mg/kg	297	1188	297
3.	Chloride (as Cl)	mg/kg	117.6	58.8	39.2
4.	Iron (as Fe)	mg/kg	16.9	<5.0	18.8
5.	Magnesium (as Mg)	mg/kg	118.8	356.4	59.4
6.	Bulk Density	gm/cc	1.09	1.05	1.25
7.	Lead (as Pb)	mg/kg	<5.0	<5.0	<5.0
8.	Sand	%	21.5	46.2	55.2
9.	Silt	%	25.1	19.7	26.4
10.	Clay	%	53.4	34.1	18.4
11.	Texture	---	Clay	Sandy Clay Loam	Sandy Loam
12.	Electrical conductivity at 25°C	µs/cm	44.1	125.6	32.6
13.	Potassium (as K)	mg/kg	50	320	50
14.	Organic Matter	%	2.0	2.2	1.71
15.	Water Holding capacity	%	58.1	49.1	45.6
16.	Phosphorus	mg/kg	12.7	4.2	46.3
17.	Porosity	%	57.4	55.8	51.0
18.	Moisture	%	37.5	28.5	13.8
19.	Nitrogen	mg/kg	358	352	340
20.	Organic Carbon	%	1.17	1.25	0.99
21.	Infiltration rate	mm/Hr	4.4	14.6	17.2

Report Prepared By

for Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Shrabhi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51909WB1956PTC023037



T : 91 33 22172249 / 40143000 / 22650006 / 22650007
F : 91 33 22650008
E : info@mitrask.com
W : www.mitrask.com

TEST REPORT

Name & Address of the Customer :

PUNJ LLOYD LTD.

Bangladesh Bhutan Road (AH-48) Project Camp-2, Beside NRL Petrol Pump,
Paschim Cheka Mari, P O- Rangalibazna, Vill-Madarihat, Dist. - Alipurduar,
West Bengal- 735220

Ref. No. & Date : PLL/BB1/2016/WO/0020 , DTD- 21.03.2016

Report No. : EC/249

Date : 29.04.2016

Sample Description : Noise

ANALYSIS RESULT

Sampling Station	Camp at Mainaguri Km 19+800	Rajarhaat Bhotpatti Village Area km 13+200	Camp 2 Rangali Bazna Km 75+160	Jaldapara NP Area Km 85+000	Mount Carmel School Km 42+000	Near Proposed EUP
Co-Ordinates	N 26°32'51.8" E 88°49'37.9"	N 26°29'41.7" E 88°50'34.0"	N 26°41'06.7" E 89°13'59.2"	N 26°42'21.1" E 89°17'05.2"	N 26°36'40.2" E 89°00'31.0"	N 26°43'03.6" E 89°19'36.6"
Distance Form Reference Point (m)	125 m	50 m	50 m	120 m	30 m	105 m
Direction Form Reference Point	RHS	LHS	LHS	RHS	RHS	LHS
Monitoring Date	8/4/2016 to 9/4/2016	10/4/2016 to 11/4/2016	12/4/2016 to 13/4/2016	13/4/2016 to 14/4/2016	11/4/2016 to 12/4/2016	14/4/2016 to 15/4/2016
Day time Leq dB(A)	63.3	61.6	66.0	63.7	65.3	63.6
Night time Leq dB(A)	58.5	49.1	56.1	49.3	52.5	53.3
L10 in dB(A)	53.7	48.8	55.7	47.1	50.6	49.5
L50 in dB(A)	61.7	56.0	57.9	50.1	57.9	52.1
L90 in dB(A)	65.4	64.5	70.2	65.1	68.5	66.8

Code/ Category	Leq dB(A) Day Time	Leq dB(A) Night Time
A/ Industrial	75	70
B/ Commercial	65	55
C/ Residential	55	45
D/ Silence	50	40

NOTE :
Day Time : 06.00 Hr. -22.00 Hr.
Night Time: 22.00 Hr. -06.00 Hr.

Report Prepared By

for Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Shrauchi Centre (5th Floor)
74B, Acharya Jagadish Chandra Bose Road
Kolkata - 700 016, West Bengal, India
CIN: U51900WB1956PTC023037

T : 91 33 22172249 / 40143000 / 22850006 / 22850007
F : 91 33 22690008
E : info@mitrask.com
W : www.mitrask.com



TEST REPORT

Name & Address of the Customer :

PUNJ LLOYD LTD.

Bangladesh Bhutan Road (AH-48) Project Camp-2, Beside NRL Petrol Pump,
Paschim Cheka Mari, P.O- Rangalibazna, Vill-Madarihat, Dist.- Alipurduar, West Bengal- 735220
Ref. No. & Date : PLL/BB1/2016/WO/0020 , DTD- 21.03.2016

Report No. : EC/244

Date : 29.04.2016

Sample Description : Ambient Air

ANALYSIS RESULT

Sl. No.	Date of Monitoring	Location	Co-ordinates	Concentration of Pollutants					
				PM ₁₀ in $\mu\text{g}/\text{m}^3$	PM _{2.5} in $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	Carbon monoxide (CO) in mg/m^3	Lead (Pb) in $\mu\text{g}/\text{m}^3$
1	08.04.2016 to 09.04.2016	Camp-1 Maynaguri km 19+800	26°32'52.1" N 88°49'38.9" E	127	66	7.5	42.5	0.42	0.09
2	10.04.2016 to 11.04.2016	Rajarhat Bhotpatti km 13+200	26°29'41.7" N 88°50'34.0" E	93	48	5.8	35.7	0.34	<0.02
3	11.04.2016 to 12.04.2016	Dhupguri Town km 40 +000	26°35'19.2" N 89°00'27.2" E	156	84	6.9	39.7	0.48	0.07
4	12.04.2016 to 13.04.2016	Birpara Town km 66+ 000	26°42'12.5" N 89°08'37.0" E	198	93	8.8	47.6	0.54	0.09
5	13.04.2016 to 14.04.2016	Hasimara at Km 89+ 000	26°42'21.1" N 89°17'05.2" E	98	46	6.5	28.7	0.34	0.02
6	14.04.2016 to 15.04.2016	Camp 2 Rangali Bazna At Km 75+ 160	26°43'03.6" N 89°19'36.6" E	125	52	6.0	26.3	0.29	0.02
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. No.B-29016/20/90/PCI-L				100	60	80	80	2	1
Sampling and Analysis done according to				IS: 5182 (Part-23)-2006	USEPA CFR-40, Part-50, Appendix-L	IS: 5182 (Part-2)-2001	IS: 5182 (Part-6)-2006	IS 5182 : (Part-10):1999	IS: 103.2

Report Prepared by:

For Mitra S. K. Private Limited
Authorised Signatory

**Annexure – 9: Copy of Permits, Clearances and Licences obtained by EPC Contractor,
AH-02**

**Annexure – 10: Copy of Permits, Clearances and Licences obtained by EPC Contractor,
AH-48**

Annexure-11: Copy of NGT Order.
