

CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

CIN: U40105JK2011PTC003321

e-mail: hopkwar@cvppindia.com

Fax no. 01995-259230

website: www.cvppindia.com

CVPP/KWAR/HoP/2024-25/331

Date: 29.11.2024

Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Jammu,
Plot No.379-A, Gandhi Nagar,
Jammu – 180004.

E-mail: iro.jammu-mefcc@gov.in

Sub: Kwar HE Project (540 MW) in District Kishtwar, J&K: Submission of Environment Clearance Compliance Report (ECCR) for the period ending September, 2024.

Ref: Environmental Clearance granted to the Project vide MOEF&CC letter no. J-12011/4/2010-IA.1 dated: 10.04.2017.


Sir,

With reference to the above cited subject, please find enclosed the Six-Monthly Progress Report on Environmental safeguards in Compliance to the Environment Clearance letter under reference, in respect of Kwar HE Project (CVPPPL), for the period ending September, 2024.

Thanking you.

Encl: As Above (Annexure-I).

Yours sincerely,


(S.K. Giri)

General Manager

HOP-Kwar H.E Project

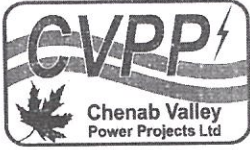
Email: hopkwar@cvppindia.com

Copy to:

- Director, Impact Assessment Division-1,
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road, Ali Ganj,
New Delhi- 110003
Email: munna.shah@gov.in**
- Member Secretary, J&K Pollution Control Committee,
Parivesh Bhawan, Sheikh-ul-Alam Campus,
Behind Govt. Silk Factory, Raj Bagh, Srinagar (J&K)
Email: membersecretaryjkspcb@gmail.com**

N.O.O.

- 1. Group General Manager, Planning Division, CVPPPL, Jammu for information please.**



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, *Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.*

CIN: U40105JK2011PTC003321

Fax no. 01995-259230

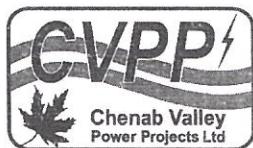
e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

ANNEXURE-I

Six Monthly Environment Clearance Compliance Report (ECCR)
for Kwar HE Project (540MW), in District Kishtwar of J&K State
(September, 2024)

| 1 | Name of Project | Kwar HE Project (540 MW)(CVPPPL) | | | | | | | | |
|--------|---|---|--------|-----|----|---|----|-------------------------------------|----|----------------------------|
| 2 | Type of Project | Hydro Electric Project | | | | | | | | |
| 3 | Clearance letters OM No. and date (a) Environment Clearance (b) Forest Clearance | (a) Letter No. J-12011/4/2010-IA.I Dated: 10.04.2017 (b) i) Letter No. 268- FST of 2014 dated 08.08.2014 of GoJK (for 29.75 ha forest land). ii) Letter No.9-JKB-052/2021-Jammu dated: 25/01/2022. (for 2.4 ha forest land) | | | | | | | | |
| 4 | Locations (a) District (s) (b) State (c) Latitude (d) Longitude | a) Kishtwar b) Jammu and Kashmir c) 33°21'01"N d) 75°53'39"E | | | | | | | | |
| 5 | Address for Correspondence (a) Address of concerned Project Head (with Pin code, Telephone/Fax no.) (b) Address of concerned HOD in Corporate Office (with Pin code, Telephone/Fax no.) | (a) General Manger (HOP), Kwar HE Project Chenab Valley Power Projects (Pvt.) Ltd. Chenab Nagar-II, Kishtwar J&K. Pin code- 182206 Telephone:- 01995259230 Email: hopkwar@cvppindia.com (b) Managing Director, Chenab Valley Power Projects (Pvt.) Ltd. Chenab Jal Shakti Bhawan, Opp. Saraswati Dham, Rail Head Complex Jammu- 180012, J&K Phone/ Fax: 0191 2479826/ 2479835 | | | | | | | | |
| 6 | Detail of Environmental Management Plan | Environmental Management Plans to be implemented at the project are: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th>EMP</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Biodiversity Conservation & Management Plan</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Catchment Area Treatment Plan (CAT)</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>Fisheries Development Plan</td> </tr> </tbody> </table> | S. No. | EMP | 1. | Biodiversity Conservation & Management Plan | 2. | Catchment Area Treatment Plan (CAT) | 3. | Fisheries Development Plan |
| S. No. | EMP | | | | | | | | | |
| 1. | Biodiversity Conservation & Management Plan | | | | | | | | | |
| 2. | Catchment Area Treatment Plan (CAT) | | | | | | | | | |
| 3. | Fisheries Development Plan | | | | | | | | | |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

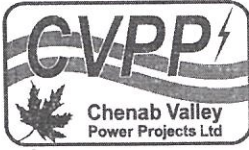
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|---|---|---|
| | | 4. Solid Waste Management Plan |
| | | 5. Public Health Delivery System |
| | | 6. Energy Conservation Measures |
| | | 7. Muck Disposal Plan |
| | | 8. Landscaping & restoration Plan |
| | | 9. Air & Water Management Plan |
| | | 10. Reservoir Rim treatment Plan |
| | | 11. Compensatory Afforestation plan |
| | | 12. Rehabilitation & Resettlement Plan |
| | | 13. Environmental Monitoring Programme |
| | | 14. Disaster Management Plan |
| 7 | Breakup for Project area (Land details) | Forest Land: 32.15 ha Private Land: 17.03 ha State Land: 20.72 ha River bed land: 65.85 ha Total Land: 135.75 ha |
| 8 | Breakup of Project affected population with enumerations of those losing house/dwelling units only, agriculture land only, both house and agriculture land and landless labours / artisans. (a) SC/ST/Adivasis (b) Others | No of affected Villages : 5 Total PAFs : 63 Displaced PAFs : 29 Non-Displaced PAFs : 34 (a) Scheduled Tribe : 19 families. (b) Others : NIL <i>Note:-The above figures are likely to change after reverification of records by the District Administration.</i> |
| 9 | Financial Details (a) Project cost as originally planned and subsequent revised estimates and the year of price reference (b) Actual expenditure incurred on the Project so far (c) Allocation made for Environment Management Plan (d) Actual expenditure incurred on EMP so far | Sanctioned cost as per CCEA Clearance 4526.12 Cr. (Sept 2020 PL) Actual expenditure: 738.69 Cr. (till September 2024) Allocations for EMP: 137.35 Cr. (approved by MoEF&CC) Actual expenditure incurred on EMP: Payment released on account of Forest clearance: Rs 3.8324 Cr. Payment released towards extraction of Forest trees: Rs 4.83 Lakh Payment on account of implementation of R&R Plan: Rs.5.00 Crore released on 14.12.2022. Payment released for Fisheries Development Plan Rs.7.98 Crore |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

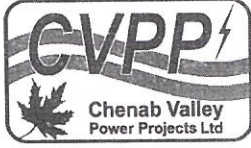
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|-----|--|---|
| 10 | <p>Forest Land Requirements</p> <p>(a) Status of approval diversion of Forest Land for non-forestry use</p> <p>(b) The status of clear felling of trees in Forest Land</p> | <p>(a) Forest clearance for diversion of 29.75 ha forest land from GoJK obtained vide Order no. 268- FST of 2014 dated 08.08.2014.</p> <p>(b) Forest clearance for diversion of 2.4 ha forest land from Integrated Regional Office, Jammu (MOEF&CC) obtained vide Letter No.9-JKB-052/2021-Jammu dated: 25/01/2022</p> <p>(c) Tree felling is in process by J&K Forest Department</p> |
| 11 | <p>Status of Construction</p> <p>(a) Date of commencement (actual and/or planned)</p> <p>(b) Date of completion (actual and/or planned)</p> | <p>(a) Date of commencement: Work Awarded vide LOA dated 11.05.2022</p> <p>(b) Date of completion (planned): 54 months</p> |
| 12 | <p>Reasons for the delay (If the Project is yet to be started)</p> | <p>Work Awarded vide LOA dated 11.05.2022</p> |
| 13 | <p>Details of Site visits</p> <p>(a) By Monitoring Committee</p> <p>(b) By Regional Office</p> | <p>Nil</p> <p>The site inspection was conducted by MoEF&CC IRO, Jammu in May 2024. Site inspection was also conducted by Conservator of Forests, Chenab Circle, Doda on 07.09.2024. Further, the implementation of environmental safeguards is also reviewed by DO, JKPC, DFO, Kishtwar, Assistant Director, Fisheries and other officials through regular site visits.</p> |
| 14. | <p>Brief note on the status of compliance of the conditions stipulated by MOEF&CC</p> | <p>Details are enclosed as Annexure-II.</p> |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

CIN: U40105JK2011PTC003321

Fax no. 01995-259230

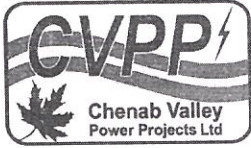
e-mail:hopkwar@cvppindia.com

website: www.cvppindia.com

ANNEXURE-II

Status of Compliance to the conditions stipulated by MoEF&CC, Govt. of India vide Environmental Clearance letter no. J-12011/4/2010-IA-I dated 10.04.2017

| S. No. | Conditions | Compliance Status |
|----------------------------|--|--|
| Specific Conditions | | |
| i | As and when the Cumulative Impact Assessment & Carrying Capacity Studies (CIA & CCS) of the Chenab River Basin of J&K is carried out, the recommendation therein for Kwar HEP shall be followed by PP. | Shall be complied. |
| ii | The Catchment Area Treatment Plan (CAT) as has been proposed in the EMP shall be strictly implemented in consultation with the J&K State Forest Department. Major works of CAT shall be completed before impounding of reservoir. The CAT plan will be implemented in 5 years time and the maintenance work shall be undertaken for next 5 years. Financial allocation of Rs. 2930.56 lakhs for CAT plan implementation shall be fully utilized and not be diverted for any other purpose. As per CAT plan, the area to be treated is 2211 ha. | <p>The matter for implementation of CAT Plan has regularly been taken up with the Forest Department. As per the directions of PCCF (HoFF), GoJK, CAT plan is under process of revision in consultation with J&K Forest Department, through NABET accredited consultant. The revised CAT plan was submitted to J&K Forest Department through Divisional Forest Officer, Kishtwar and Divisional Soil & Water Conservation Officer, Doda for approval of the competent authority on 04.09.2024</p> <p>The CAT Plan was reviewed by J&K Forest Department during the meetings held in this regard with Conservator of Forests, Chenab Circle, Doda on 07.09.2024, 25.09.2024 and 07.11.2024. The revised CAT Plan report, after incorporating the suggestions of Forest Department has been re-submitted to DFO, Kishtwar on 23.11.2024 for approval. Conservator of Forests, Doda vide letter dated 26.11.2024 has forwarded the CAT Plan to CCF, Jammu for approval of competent authority.</p> |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

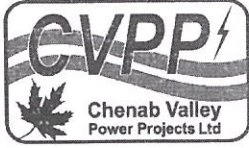
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|-----|---|--|
| iii | Land acquired for the project shall be suitably compensated with the prevailing guidelines and all commitments made during the public hearing shall be fulfilled. The R&R benefits for the Project Affected Person (PAPs) should be adequately compensated for loss of assets and assisted to re-establish their livelihoods. The assessment has been made as per the norms of the National Rehabilitation & Resettlement Policy (NRRP), 2007 and guidelines of J&K State Government. The project affected population should be resettled and rehabilitated as per the Jammu & Kashmir state R&R policy. All R&R issues shall be completed before commissioning of the project. | Being Complied. GoJK has approved the R&R plan of the project vide Govt. Order No.-44-DMRR&R of 2018 dated 03.08.2018. DC Kishtwar has been appointed as Commissioner R&R vide GoJK Order dated 03.03.2020. An amount of Rs.5.00 Crore has been released in favour of DC Kishtwar on 14.12.2022 for implementation of R&R Plan. Utilization certificate for an amount of Rs.1.32 Crore has been received. |
| iv | Implementation of R&R plan is to be closely monitored by the state Authority and is to be ensured that all Project Affected Families (PAF's) shall get adequate & timely compensation. | GoJK constituted the Empowered Committee under the Chairmanship of Chief Secretary, GoJK to finalize and monitor the implementation of R&R plan of Kwar HEP vide G.O. No. 1281-GAD of 2017 dated 09.10.2017. As per the requisition an amount of Rs.5.00 Crore has been released by the Project in favour of Commissioner R&R for further disbursement to the eligible PAFs. R&R benefits are being disbursed to PAFs after verification of records by the District Administration. The balance amount of R&R Plan shall be released as per the requisition received from District Administration. |
| v | A Monitoring Committee for R&R should be constituted which shall include representatives of project affected persons including representative from SC/ST category and a woman beneficiary. | GoJK approved the R&R plan of the project vide Govt. Order No.-44-DMRR&R of 2018 dated 03.08.2018 wherein approval has also been granted for constitution of committee under the Chairmanship of Deputy Commissioner for monitoring of implementation of R&R Plan. However, the final order for constitution of committee is awaited. |
| vi | All the commitments made during the public hearing should be fulfilled completely by project proponent and record maintained. | Being Complied. The R&R Plan approved by the GoJK is being implemented. An amount of |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

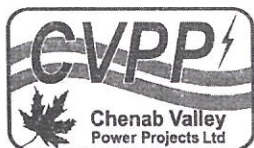
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|------|--|--|
| | | <p>Rs.5.00 Crore has been released in favour of DC Kishtwar on 14.12.2022 for implementation of R&R Plan.</p> <p>The R&R Plan has been prepared by District Administration duly considering the aspirations and demands of local people. The R&R Plan includes an amount of Rs.13.54 Crore earmarked for development of infrastructure and social & community development activities. In this regard, DC Kishtwar held a meeting on 07.01.2024 with all the stake holders and finalized activities to be undertaken. Directions were also issued by the DC, Kishtwar to the different J&K departments to submit the DPRs for approval.</p> |
| vii | <p>A minimum environmental flow of 16.49 cumec during lean season (December to March), 74.09 cumec during monsoon season (June to September) and 16.79 cumec during remaining four months (October-November & April-May) shall have to be maintained. On line monitoring system for the e-flow releases measurement shall be installed and data be displayed at appropriate site for civil society and stake holders. Six monthly results shall be submitted to the regional office of the Ministry.</p> | <p>Shall be complied</p> |
| viii | <p>Dumping and consolidation/compaction of the muck shall be carried out only in the designated muck dumping sites as submitted in the EIA/EMP report. As per the proposed muck disposal plan given in EMP, out of the 38.73 lakh m³ of muck to be generated, 8.13 lakh m³ will be reused in various project components and remaining 30.60 lakh m³ will be dumped at 3 designated disposal sites in an allocated area of 34.35 ha. The dumping sites shall be more than 30 m away from the HFL of the river and the toe walls for muck disposal sites shall be constructed at least 30 m away from HFL of River. Allocated grant of Rs. 3,419.30 lakhs shall be fully utilized and not to be diverted for any other purpose.</p> | <p>Being Complied.</p> <p>The suitable portion of excavated muck is utilized by the contractor in construction activities, construction of retaining structures, roads, developing job facility areas etc.</p> <p>The disposal remaining muck is done at the designated dumping sites only. The dumping sites have been protected by providing adequate toe walls to avoid spillage of muck.</p> |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

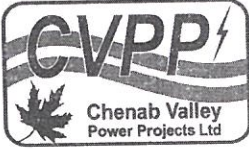
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail:hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|-----|--|---|
| ix | Proposed Compensatory Afforestation Programme in 59.50 ha of degraded forest area shall be undertaken in consultation with State Forest Department. Allocated grant of Rs. 385.03 lakh shall be fully utilized and not to be diverted for any other purpose. | <p>A) Requisite amount of Rs 3.44 Cr was deposited with Forest Deptt. for diversion of 29.75 Ha of Forest land including Rs 41.65 lakhs towards compensatory afforestation.</p> <p>B) Requisite amount of Rs 37.977 Lakh was deposited with J&K CAMPA for diversion of 2.4 Ha of Forest land including Rs 9.10958 lakhs towards compensatory afforestation</p> <p>The plan has been implemented by J&K Forest Department in the year 2021-2022. Utilization certificate for Compensatory Afforestation has been submitted by the Forest Department.</p> |
| x | Landscaping & Restoration Plan as proposed in EMP Report, shall be developed. The proposed plan includes Treatment of Borrow Pits and Quarry Sites, Landscaping & Restoration and Greenbelt development. Local indigenous varieties of plants to be planted and maintained till their full growth including gap filling. The implementation shall be undertaken in consultation with State Forest Department. The allocated budget of Rs. 224.04 lakhs shall be fully utilized for this purpose and not to be diverted to any other purpose. | Shall be complied. |
| xi | Solid waste Management Plan as proposed in the EMP report shall be implemented, the plastic waste generated should be disposed of by recycling and not by land filling. Allocated grant of Rs 221.60 lakh shall be fully utilized and not to be diverted for any other purposed. | <p>Being Complied.</p> <p>Sufficient number of waste bins have already been provided at several locations in residential areas, office areas and project area for collection and segregation of solid waste. The organic waste (primarily food waste from common mess facilities) is being managed through composting.</p> <p>The paper/plastic waste/metal waste is being recycled by the contractor through scrap dealers.</p> |
| xii | Proposed Biodiversity Conservation & Management plan as outlined in the EMP shall be implemented with State Forest Department. | The matter for implementation of Biodiversity Conservation & Management has been taken up with |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

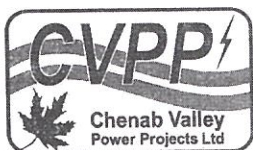
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|------|---|---|
| | <p>The allocated budget of Rs. 140.48 lakhs for this purpose shall be fully utilized and shall not be diverted for any other purpose.</p> <p>Proposed Reservoir Rim Treatment Plan with both biological and engineering measures shall be implemented strictly. Allocated amount of Rs. 1043.69 lakhs should be fully utilized and shall not be diverted for any other purpose.</p> | <p>J&K Forest Department. A meeting has been held on 11.05.2024 with PCCF J&K and PCCF has issued directions to DFO Kishtwar for submission of APO. The matter has been taken up J&K Forest Department. A demand letter dated 15.10.2024 has been received from DFO, Kishtwar Forest Division and the funds as earmarked in the EMP shall be released shortly.</p> <p>Shall be complied.</p> |
| xiii | <p>The Fisheries Development Plan as proposed in the EMP shall be implemented completely with the State Fisheries Department. As proposed, a fish hatchery shall be developed in 2 ha of area for development of fingerlings for stocking of reservoir and river. The budget of Rs. 798.59 lakhs provided for fisheries development plan should be fully utilized for this purpose and shall not be diverted for any other purpose.</p> | <p>Being Complied</p> <p>Fisheries Department, GoJK has planned to set up a joint Fish Farm for Kiru, Kwar and Kirthai-II HEPs at village Kijai near Gulabgarh. The Fisheries Department vide letter dated 31.05.2024 raised the demand for release of funds for the implementation of same. A payment of Rs 798.59 lakh as earmarked in the EMP has been released by the Project on 09.07.2024. (Annexure-II-a)</p> |
| xiv | <p>Skill mapping of the area to be got conducted, mentioning the skills inherent of the local people, and based on the skill mapping, the training to the youths be incorporated for their appropriate engagement in the Project.</p> | <p>Being Complied.</p> <p>The skill mapping and development plan has been got formulated through University of Jammu and the final report was submitted to Dy. Commissioner Kishtwar who is also Commissioner R&R. The plan is to be implemented as a component of R&R Plan through Commissioner R&R i.e. Dy. Commissioner, Kishtwar.</p> |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

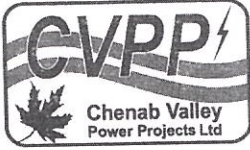
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|---------------------------|---|---|
| xv | Equipment likely to generate high noise levels during construction period or otherwise shall have to meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA) 1986. This shall be strictly complied | Being Complied. The ambient noise levels are being maintained within permissible limits. Monitoring of air water and ambient noise levels is undertaken regularly and the reports are submitted to MoEF&CC along with Six Monthly Compliance report. The latest sampling reports are enclosed (Annexure-II-b) |
| xvi | The case for diversion of 29.75 ha of forest land for the project has been approved by the J&K State Forest Advisory Committee in its 81 st meeting held on 9 th December 2013 and requisite payment in this regard has also been deposited with the Forest Department. Necessary forest clearance required for the project shall be obtain and informed this Ministry accordingly. | a) Forest Clearance for diversion of 29.75 Ha Forest land was accorded vide Govt. order no: 268-FST of 2014 dated 08.08.2014. b) Forest clearance for diversion of 2.4 Ha Forest land from Integrated Regional Office, Jammu (MOEF&CC) obtained vide No 9-JKB-052/2021-Jammu dt 25.01.2022. |
| xvii | Any other clearances required from any other organization/department should be obtained before commencement of works and commissioning of the project, as applicable. | Shall be complied as and when required. |
| General Conditions | | |
| i | Adequate arrangements for ensuring availability of fuel like kerosene/LPG shall be provided at the project cost for the labourers to be engaged during construction work so that Indiscriminate felling of trees is prevented. The energy conservation measures as provided in EMP shall be fully implemented. | Being complied The same has been included in the contract agreement and is being complied by the contractor. Mess facilities have also been provided by the major contractor to the labourers engaged. |
| ii | The labourers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit. Periodic health check-up and medical facilities shall also be provided to the labourers during construction period. | Being complied The same has been included in the contract agreement and is being complied by the Contractor. |
| iii | Recreational facilities shall be provided to the labourers. | Being complied The same has been included in contract agreement and is being complied by the Contractor. The common Gym, Indoor Games and Television facilities have |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

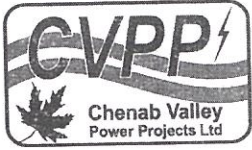
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|------|--|--|
| | | been provided by the contractor at site. |
| iv | Water sprinkling arrangements shall be made to suppress fugitive emissions/ dust. | <p>Being Complied</p> <p>The arrangements for sprinkling of water to control dust emission are in place. Adequate number of water tankers are already deployed by Contractor for regular water sprinkling in project area and on project roads.</p> <p>Further, water sprinkler systems are already installed in crusher plant, for containing the dust emissions.</p> |
| v | Potable drinking water and proper sanitary facilities shall be provided for the labour force. Proper disposal facilities for solid waste are to be ensured. | <p>Being Complied</p> <p>The same has been included in the contract agreement and is being complied by the Contractor.</p> <p>Sufficient number of waste bins have already been provided at several locations in residential areas, office areas and project area for collection and segregation of solid waste. The organic waste is disposed off into composting pit. The paper/plastic waste/metal waste is being recycled by the contractor through scrap dealers.</p> |
| vi | Restoration of construction area including muck dumping sites shall be ensured by leveling, filling up of borrow pits, landscaping, etc. The area should be properly treated with plantation. | Shall be complied. |
| vii | Environmental parameters shall be monitored and "Six monthly monitoring reports" shall be submitted to the Ministry of Environment, Forest & Climate change, New Delhi including its Regional office for their review. | <p>Being Complied.</p> <p>The environmental parameters are being monitored periodically. (Reports enclosed-Annexure-II-b)</p> |
| viii | Disaster management plan as provided in EMP shall be implemented in consultation with the District Authorities and early warning system shall be installed. | <p>Being Complied</p> <p>The DMP approved as part of EMP is linked with commissioning of the project as the same has been formulated and approved by MOEF&CC considering the dam breach scenario etc. The same shall be implemented prior to commission of the project in consultation with District Disaster Management Authority and in consonance with the</p> |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

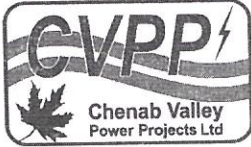
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|--|---|---|
| | | District Disaster Management Plan. However, the One Early Flood Warning System (EFWS) has been installed at Village Layee, near Gulabgarh as an advance measure upstream of the project site to monitor the river flow levels. |
| ix | An Environmental Management Cell (EMC) shall be established at the project level with sufficient manpower. The head of the EMC shall report directly to the head of the project for speedy implementation of EMP & related issues. | Complied EMC has been constituted on 22.06.2018. |
| Other Conditions stipulated in EC Letter requiring compliance by CVPPPL | | |
| 7. | The Project Proponent shall provide full cooperation and provide all requisite documents/data to the Officials from concerned Regional Office of the Ministry who would be monitoring the implementation of environmental safeguards and to undertake inspection. | Shall be complied |
| 8. | The responsibility of implementation of environmental safeguards rests fully with the M/s. Chenab Valley Power Projects Pvt. Ltd. and Government of Jammu & Kashmir. Therefore, these may be critically reviewed jointly & periodically. | Shall be complied |
| 9. | Besides the above stated conditions, the Project Proponent shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time. The Government of Jammu & Kashmir may also like to monitor implementation of EMP at regular intervals. | Shall be complied |
| 10. | The Environmental Management Plan (EMP) shall be strictly adhered to and a sum of Rs. 137.35 crores, the budgetary provisions for the implementation of EMP, shall be fully utilized and shall not be diverted for any other purpose. | Being complied |
| 11. | In case of change in the scope of the project, the same may be intimated to the Ministry and a fresh approval, if required, shall be taken from the | There is no change in scope of the Project. Shall be complied if required. |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

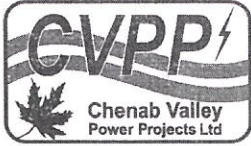
CIN: U40105JK2011PTC003321

Fax no. 01995-259230

e-mail: hopkwar@cvppindia.com

website: www.cvppindia.com

| | | |
|-----|--|---|
| | Ministry. | |
| 12. | Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986 to ensure effective implementation of the suggested measures in a time bound and satisfactory manner. | Noted |
| 13. | This clearance letter is valid for a period of 10 years from the date of issue of this letter for completion of the project. | Noted |
| 14. | A copy of clearance letter shall be marked to concerned Panchayat/Zila Parishad/Municipal Corporation, Urban Local Body and local NGO, if any, from whom any suggestion/representations were received while processing the proposal. The clearance letter shall also be put on website by the project proponent. | Complied. |
| 16. | The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of the clearance letters are available with State Pollution Control Board/Committee and may also be seen at website of MoEF&CC. http://www.moef.nic.in | Complied. Advertisement was published in two newspapers viz: 1. Daily Excelsior (English) dated 13.04.2017 and 2. Daily Udaan (Urdu) dated 13.04.2017. |
| 17. | The project proponent shall also submit six monthly reports on the status of compliance of stipulated EC conditions including the results of monitored data (both in hard copies as well as by e-mail) to respective Regional Office of MoEF&CC. | Being Complied. Six monthly EC Compliance Reports are being timely submitted. |
| 18. | After 5 years of commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and over the downstream ecology of the project. The study shall be undertaken by independent agency to be decided in consultation with the Ministry. | Shall be complied. |
| 19. | A Multi-Disciplinary Committee (MDC) for | Approval for constitution of MDC was accorded by MoEF&CC vide letter No. J- |



CHENAB VALLEY POWER PROJECTS LIMITED

(A Joint Venture among NHPC Limited and JKSPDC)

KWAR H.E. PROJECT, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

CIN: U40105JK2011PTC003321

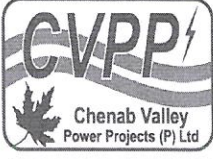
Fax no. 01995-259230

e-mail:hopkwar@cvppindia.com

website: www.cvppindia.com

| | |
|--|---|
| <p>monitoring the implementation of environmental safeguards during construction shall be constituted by the project proponent (PP) in consultation with the Ministry as early as possible. A panel may be proposed by the PP and submitted to Ministry and the Government of Jammu & Kashmir. The project proponent shall organize six monthly meetings of the Committee and submit the monitoring report to the ministry. The MDC will monitor' specifically the stability and effectiveness of muck dumping sites during all visits and monitor it & suggest remedial measures, if so required.</p> | <p>12011/4/2010-IA-1 dated 09.07.2018 with amendment issued vide No. J-12011/04/2010-IA-1(R) dated 02.05.2019.</p> <p>The construction of Project has been started in May 2022 after the CCEA clearance. The site inspection has been conducted by MoEF&CC IRO, Jammu in May 2024. Site inspection was also conducted by Conservator of Forests, Chenab Circle, Doda on 07.09.2024. Further, the implementation of environmental safeguards is also reviewed by DO, JKPC, DFO, Kishtwar, Assistant Director, Fisheries and other officials through regular site visits.</p> |
|--|---|

[Handwritten signature]
C.M. Head



Chenab Valley Power Projects [P] Ltd.

A Joint Venture of NHPC (A Govt. of India Enterprise) & JKSPDC (A Govt. of J&K Undertaking)

CIN: U40105JK2011PTC003321

*Kwar HE Project
Chenab Nagar, Sector-2,
Kishtwar, (J&K) – 182206
Ph. 01995-259230
Email: gmkwahep@gmail.com
Website: www.cvpindia.com*

CVPPL/Kwar HEP/HoP/2024-25/163

Date: 24/07/2024

**Director Fisheries,
Govt. of J&K,
Jammu/Srinagar.
Email: jkfdjmu@gmail.com**

Sub: Establishment of fish farming projects as mitigation measure for fish & fisheries biodiversity under EMP of Kwar HE Project-Release of fund thereunder.

Ref: Letter No. DF/Plg/NHPC/2024/593(B) dated 31.05.2024.


Sir,

With reference to the above cited subject and letter under reference, it is to inform that an amount of Rs.798.59 lakh earmarked for the development of Fish Farm in accordance with the provisions of Environment Management Plan of Kwar HE Project has been released in favour of Fisheries Department, GoJK on 09.07.2024 vide UTRNo.SBIN224191733889.

Please acknowledge the receipt.

Thanking you.

Yours sincerely,


(S.K. Giri)

General Manager (I/c)- HOP

Copy to: -

1. Jt. Director Fisheries (Chenab Valley), Jammu for information please.
2. Assistant Director Fisheries (Kishtwar) for information please.



TEST REPORT

| | | | |
|-----------------------------------|--|--------------|----------------|
| Lab No. | 230624N-E-001 | Page No. 1/2 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill.Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | Ambient Air | | |
| Customer's Description of Sample# | Ambient Air | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Filter Paper Packed in Polythene Pouch. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | MAT Tunnel | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | NAAQMS/36/2012-13 USEPA:2013 | | |
| Testing Protocol | NAAQS | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------------------|---------|----------------|---|
| | CHEMICAL TESTING (ATMOSPHERIC POLLUTION) | - | - | - | - |
| 1 | PM10 | µg/m ³ | 80.61 | Max. 100 | NAAQMS/36/2012-13(Gravimetric method) |
| 2 | SO ₂ | µg/m ³ | 16.5 | Max. 80 | NAAQMS/36/2012-13(Improved West & Gaeke method) |
| 3 | NO ₂ | µg/m ³ | 20.4 | Max. 80 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 4 | NH ₃ | µg/m ³ | 35.7 | Max. 400 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 5 | PM _{2.5} | µg/m ³ | 39.41 | Max. 60 | NAAQMS/36/2012-13(Gravimetric method) |
| 6 | CO | mg/m ³ | 0.59 | Max. 2 | NAAQMS/36/2012-13 |



Authorised signatory



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



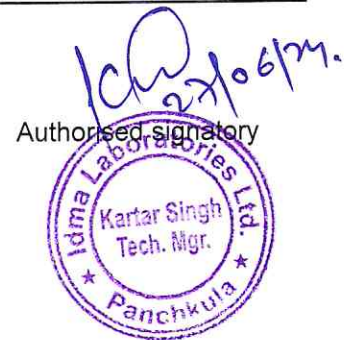
Idma Laboratories Limited

TEST REPORT

| Lab No. | | 230624N-E-001 | | | | Page No. 2/2 |
|---------|---|--------------------------|---------|----------------|------------------------------------|--------------|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 7 | Ozone | $\mu\text{g}/\text{m}^3$ | 24.2 | Max. 100 | NAAQMS/36/2012-13(Chemical method) | |
| 8 | Benzene | $\mu\text{g}/\text{m}^3$ | <2.0 | Max. 5 | NAAQMS/36/2012-13(GC method) | |
| 9 | Benzo-a-Pyrene(BaP) - Particulate phase | ng/m^3 | <0.9 | Max. 1 | NAAQMS/36/2012-13(GC method) | |
| 10 | Arsenic | ng/m^3 | <1 | Max. 6 | NAAQMS/36/2012-13 | |
| 11 | Nickel | ng/m^3 | <8 | Max. 20 | NAAQMS/36/2012-13 | |
| 12 | Lead | $\mu\text{g}/\text{m}^3$ | 0.11 | Max. 1 | NAAQMS/36/2012-13 | |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,
391, industrial Area, Phase - 1,
Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|--|----------|----------------|
| Lab No. | 230624N-E-002 | Page No. | 1/2 |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill.Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | Ambient Air | | |
| Customer's Description of Sample# | Ambient Air | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Filter Paper Packed in Polythene Pouch. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | Batching Plant | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | NAAQMS/36/2012-13 USEPA:2013 | | |
| Testing Protocol | NAAQS | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|-------------------|---------|----------------|---|
| | CHEMICAL TESTING (ATMOSPHERIC POLLUTION) | - | - | - | - |
| 1 | PM10 | µg/m ³ | 78.3 | Max. 100 | NAAQMS/36/2012-13(Gravimetric method) |
| 2 | SO ₂ | µg/m ³ | 15.18 | Max. 80 | NAAQMS/36/2012-13(Improved West & Gaeke method) |
| 3 | NO ₂ | µg/m ³ | 17.44 | Max. 80 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 4 | NH ₃ | µg/m ³ | 32.5 | Max. 400 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 5 | PM _{2.5} | µg/m ³ | 40.1 | Max. 60 | NAAQMS/36/2012-13(Gravimetric method) |
| 6 | CO | mg/m ³ | 0.61 | Max. 2 | NAAQMS/36/2012-13 |



Idma Laboratories Limited

Idma Corporate Park,
391, industrial Area, Phase - 1,
Panchkula - 134113,
Haryana (India)
Tel No. 0172 - 5064827,- 5064830
Website : www.idmagroup.co.in
Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| Lab No. | | 230624N-E-002 | | | | Page No. 2/2 |
|---------|---|--------------------------|---------|----------------|------------------------------------|--------------|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 7 | Ozone | $\mu\text{g}/\text{m}^3$ | 23.8 | Max. 100 | NAAQMS/36/2012-13(Chemical method) | |
| 8 | Benzene | $\mu\text{g}/\text{m}^3$ | 2.1 | Max. 5 | NAAQMS/36/2012-13(GC method) | |
| 9 | Benzo-a-Pyrene(BaP) - Particulate phase | ng/m^3 | <0.9 | Max. 1 | NAAQMS/36/2012-13(GC method) | |
| 10 | Arsenic | ng/m^3 | <1 | Max. 6 | NAAQMS/36/2012-13 | |
| 11 | Nickel | ng/m^3 | <8 | Max. 20 | NAAQMS/36/2012-13 | |
| 12 | Lead | $\mu\text{g}/\text{m}^3$ | 0.12 | Max. 1 | NAAQMS/36/2012-13 | |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|--|--------------|----------------|
| Lab No. | 230624N-E-003 | Page No. 1/2 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill.Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | Ambient Air | | |
| Customer's Description of Sample# | Ambient Air | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Filter Paper Packed in Polythene Pouch. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | Crusher Plant | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | NAAQMS/36/2012-13 USEPA:2013 | | |
| Testing Protocol | NAAQS | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|-------------------|---------|----------------|---|
| | CHEMICAL TESTING (ATMOSPHERIC POLLUTION) | - | - | - | - |
| 1 | PM10 | µg/m ³ | 82.4 | Max. 100 | NAAQMS/36/2012-13(Gravimetric method) |
| 2 | SO ₂ | µg/m ³ | 17.61 | Max. 80 | NAAQMS/36/2012-13(Improved West & Gaeke method) |
| 3 | NO ₂ | µg/m ³ | 20.47 | Max. 80 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 4 | NH ₃ | µg/m ³ | 29.33 | Max. 400 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 5 | PM _{2.5} | µg/m ³ | 39.2 | Max. 60 | NAAQMS/36/2012-13(Gravimetric method) |
| 6 | CO | mg/m ³ | 0.62 | Max. 2 | NAAQMS/36/2012-13 |



Authorized signatory



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| Lab No. | | 230624N-E-003 | | | | Page No. 2/2 |
|---------|---|--------------------------|---------|----------------|------------------------------------|--------------|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 7 | Ozone | $\mu\text{g}/\text{m}^3$ | 24.1 | Max. 100 | NAAQMS/36/2012-13(Chemical method) | |
| 8 | Benzene | $\mu\text{g}/\text{m}^3$ | 2.2 | Max. 5 | NAAQMS/36/2012-13(GC method) | |
| 9 | Benzo-a-Pyrene(BaP) - Particulate phase | ng/m^3 | <0.9 | Max. 1 | NAAQMS/36/2012-13(GC method) | |
| 10 | Arsenic | ng/m^3 | <1 | Max. 6 | NAAQMS/36/2012-13 | |
| 11 | Nickel | ng/m^3 | <8 | Max. 20 | NAAQMS/36/2012-13 | |
| 12 | Lead | $\mu\text{g}/\text{m}^3$ | 0.11 | Max. 1 | NAAQMS/36/2012-13 | |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,
391, industrial Area, Phase - 1,
Panchkula - 134113,
Haryana (India)
Tel No. 0172 - 5064827,- 5064830
Website : www.idmagroup.co.in
Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|--|----------|----------------|
| Lab No. | 230624N-E-004 | Page No. | 1/2 |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill.Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | Ambient Air | | |
| Customer's Description of Sample# | Ambient Air | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Filter Paper Packed in Polythene Pouch. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | Fabrecation | | |
| Visual Observation | N/A | | |
| Date of Sampling | 20/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | NAAQMS/36/2012-13 USEPA:2013 | | |
| Testing Protocol | NAAQS | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------------------|---------|----------------|---|
| | CHEMICAL TESTING (ATMOSPHERIC POLLUTION) | - | - | - | - |
| 1 | PM10 | µg/m ³ | 77.3 | Max. 100 | NAAQMS/36/2012-13(Gravimetric method) |
| 2 | SO2 | µg/m ³ | 14.7 | Max. 80 | NAAQMS/36/2012-13(Improved West & Gaeke method) |
| 3 | NO2 | µg/m ³ | 18.4 | Max. 80 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 4 | NH3 | µg/m ³ | 27.7 | Max. 400 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 5 | PM2.5 | µg/m ³ | 39.4 | Max. 60 | NAAQMS/36/2012-13(Gravimetric method) |
| 6 | CO | mg/m ³ | 0.58 | Max. 2 | NAAQMS/36/2012-13 |

Reviewed by
Dipti Jain
Dipti Jain
Asst. Tech. Manager
Panchkula

Authorised Signatory

Kartar Singh
Kartar Singh
Tech. Mgr.
Panchkula

Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



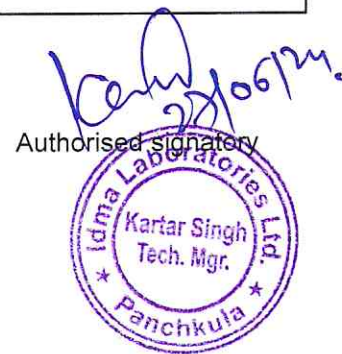
Idma Laboratories Limited

TEST REPORT

| Lab No. | | 230624N-E-004 | | | | Page No. 2/2 |
|---------|---|--------------------------|---------|----------------|------------------------------------|--------------|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 7 | Ozone | $\mu\text{g}/\text{m}^3$ | 23.6 | Max. 100 | NAAQMS/36/2012-13(Chemical method) | |
| 8 | Benzene | $\mu\text{g}/\text{m}^3$ | <2.0 | Max. 5 | NAAQMS/36/2012-13(GC method) | |
| 9 | Benzo-a-Pyrene(BaP) - Particulate phase | ng/m^3 | <0.9 | Max. 1 | NAAQMS/36/2012-13(GC method) | |
| 10 | Arsenic | ng/m^3 | <1 | Max. 6 | NAAQMS/36/2012-13 | |
| 11 | Nickel | ng/m^3 | <8 | Max. 20 | NAAQMS/36/2012-13 | |
| 12 | Lead | $\mu\text{g}/\text{m}^3$ | <0.1 | Max. 1 | NAAQMS/36/2012-13 | |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | | |
|-----------------------------------|--|--------|----------------|--|
| Lab No. | 230624N-E-005 | | Page No. 1/2 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill.Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | | |
| Type of Sample# | Ambient Air | | | |
| Customer's Description of Sample# | Ambient Air | | | |
| Quantity# | 01 No. | | | |
| Packing, Markings# | Filter Paper Packed in Polythene Pouch. | | | |
| Mode of Collection of Sample | Sampling by Laboratories | | | |
| Work Order No.# | NIL | Dated | 17/06/2024 | |
| Date of Receipt of Sample | 23/06/2024 | | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan | |
| Sampling Location# | Near Officer Mess | | | |
| Visual Observation | N/A | | | |
| Date of Sampling | 20/06/2024 | | | |
| Date of Reporting | 27/06/2024 | | | |
| Sampling Protocol | NAAQMS/36/2012-13 USEPA:2013 | | | |
| Testing Protocol | NAAQS | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------------------------|---------|----------------|---|
| | CHEMICAL TESTING (ATMOSPHERIC POLLUTION) | - | - | - | - |
| 1 | PM10 | $\mu\text{g}/\text{m}^3$ | 76.9 | Max. 100 | NAAQMS/36/2012-13(Gravimetric method) |
| 2 | SO2 | $\mu\text{g}/\text{m}^3$ | 18.6 | Max. 80 | NAAQMS/36/2012-13(Improved West & Gaeke method) |
| 3 | NO2 | $\mu\text{g}/\text{m}^3$ | 21.31 | Max. 80 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 4 | NH3 | $\mu\text{g}/\text{m}^3$ | 35.47 | Max. 400 | NAAQMS/36/2012-13(Modified Jacob & Hochheiser method) |
| 5 | PM2.5 | $\mu\text{g}/\text{m}^3$ | 40.02 | Max. 60 | NAAQMS/36/2012-13(Gravimetric method) |
| 6 | CO | mg/m^3 | 0.56 | Max. 2 | NAAQMS/36/2012-13 |

Reviewed by
(Signature)
Dipti Jain
Asst. Tech. Manager
Idma Laboratories Ltd.
Panchkula

Authorised signatory
(Signature)
Kartar Singh
Tech. Mgr.
Idma Laboratories Ltd.
Panchkula

Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| Lab No. | | 230624N-E-005 | | | | Page No. 2/2 |
|---------|---|-------------------|---------|----------------|------------------------------------|--------------|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 7 | Ozone | µg/m ³ | 23.8 | Max. 100 | NAAQMS/36/2012-13(Chemical method) | |
| 8 | Benzene | µg/m ³ | 2.2 | Max. 5 | NAAQMS/36/2012-13(GC method) | |
| 9 | Benzo-a-Pyrene(BaP) - Particulate phase | ng/m ³ | <0.9 | Max. 1 | NAAQMS/36/2012-13(GC method) | |
| 10 | Arsenic | ng/m ³ | <1 | Max. 6 | NAAQMS/36/2012-13 | |
| 11 | Nickel | ng/m ³ | <8 | Max. 20 | NAAQMS/36/2012-13 | |
| 12 | Lead | µg/m ³ | 0.13 | Max. 1 | NAAQMS/36/2012-13 | |

Represents details provided by the customer.

End of Report

Reviewed by
Dipti Jain

Authorised signatory
Kartar Singh

Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|---|----------|----------------|
| Lab No. | 230624N-E-006 | Page No. | 1/1 |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill. Padyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | NOISE LEVEL (AMBIENT) | | |
| Customer's Description of Sample# | NOISE LEVEL (AMBIENT) | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Instrument at Site. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | MAT Tunnel | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | CPCB PROTOCOL:2015 | | |
| Testing Protocol | EPA/CPCB | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Limits | Test Method |
|-------|------------------------------------|-------|---------|--------|--------------------------------|
| | CHEMICAL DISCIPLINE (Noise Levels) | - | - | - | - |
| 1 | Lday | dB(A) | 72.4 | Max 75 | EPA Guideline Manual July 2008 |
| 2 | LNight | dB(A) | 53.8 | Max 70 | EPA Guideline Manual July 2008 |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|--|--------------|----------------|
| Lab No. | 230624N-E-007 | Page No. 1/1 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill. Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | NOISE LEVEL (AMBIENT) | | |
| Customer's Description of Sample# | NOISE LEVEL (AMBIENT) | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Instrument at Site. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | Batching Plant | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | CPCB PROTOCOL:2015 | | |
| Testing Protocol | EPA/CPCB | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Limits | Test Method |
|-------|------------------------------------|-------|---------|--------|--------------------------------|
| | CHEMICAL DISCIPLINE (Noise Levels) | - | - | - | - |
| 1 | Lday | dB(A) | 69.4 | Max 75 | EPA Guideline Manual July 2008 |
| 2 | LNight | dB(A) | 53.8 | Max 70 | EPA Guideline Manual July 2008 |

Represents details provided by the customer.

End of Report

[Signature]
Reviewed by
Dipti Jain
Asst. Tech. Manager
Idma Laboratories Ltd.
Panchkula

[Signature]
27/06/24
Authorised signatory
Kartar Singh
Tech. Mgr.
Idma Laboratories Ltd.
Panchkula

Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|---|--------------|----------------|
| Lab No. | 230624N-E-008 | Page No. 1/1 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill. Padyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | NOISE LEVEL (AMBIENT) | | |
| Customer's Description of Sample# | NOISE LEVEL (AMBIENT) | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Instrument at Site. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | crusher Plant | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | CPCB PROTOCOL:2015 | | |
| Testing Protocol | EPA/CPCB | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Limits | Test Method |
|-------|------------------------------------|-------|---------|--------|--------------------------------|
| | CHEMICAL DISCIPLINE (Noise Levels) | - | - | - | - |
| 1 | Lday | dB(A) | 73.9 | Max 75 | EPA Guideline Manual July 2008 |
| 2 | LNight | dB(A) | 64.1 | Max 70 | EPA Guideline Manual July 2008 |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|---|--------------|----------------|
| Lab No. | 230624N-E-009 | Page No. 1/1 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill. Padyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | NOISE LEVEL (AMBIENT) | | |
| Customer's Description of Sample# | NOISE LEVEL (AMBIENT) | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Instrument at Site. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | Fabrication | | |
| Visual Observation | N/A | | |
| Date of Sampling | 20/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | CPCB PROTOCOL:2015 | | |
| Testing Protocol | EPA/CPCB | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Limits | Test Method |
|-------|------------------------------------|-------|---------|--------|--------------------------------|
| | CHEMICAL DISCIPLINE (Noise Levels) | - | - | - | - |
| 1 | Lday | dB(A) | 70.6 | Max 75 | EPA Guideline Manual July 2008 |
| 2 | LNight | dB(A) | 59.3 | Max 70 | EPA Guideline Manual July 2008 |

Represents details provided by the customer.

End of Report



Reviewed by



Authorised signatory

Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



Idma Laboratories Limited

TEST REPORT

| | | | |
|-----------------------------------|---|--------------|----------------|
| Lab No. | 230624N-E-010 | Page No. 1/1 | |
| Customer# | Patel Engineering Limited Kwar Hydroelectric Project Vill.Padhyarna, Tehsil-Nagseni Dstt. Kishtwar-182204 Jammu & Kashmir | | |
| Type of Sample# | NOISE LEVEL (AMBIENT) | | |
| Customer's Description of Sample# | NOISE LEVEL (AMBIENT) | | |
| Quantity# | 01 No. | | |
| Packing, Markings# | Instrument at Site. | | |
| Mode of Collection of Sample | Sampling by Laboratories | | |
| Work Order No.# | NIL | Dated | 17/06/2024 |
| Date of Receipt of Sample | 23/06/2024 | | |
| Period of Analysis | 23/06/2024 To 27/06/2024 | | |
| Sampling Team | Idma Representative Team | Client | Mr. Babar Khan |
| Sampling Location# | Near Officer Mess | | |
| Visual Observation | N/A | | |
| Date of Sampling | 19/06/2024 | | |
| Date of Reporting | 27/06/2024 | | |
| Sampling Protocol | CPCB PROTOCOL:2015 | | |
| Testing Protocol | EPA/CPCB | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Limits | Test Method |
|-------|------------------------------------|-------|---------|--------|--------------------------------|
| | CHEMICAL DISCIPLINE (Noise Levels) | - | - | - | - |
| 1 | Lday | dB(A) | 71.9 | Max 75 | EPA Guideline Manual July 2008 |
| 2 | LNight | dB(A) | 56.8 | Max 70 | EPA Guideline Manual July 2008 |

Represents details provided by the customer.

End of Report



Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830