

SBPIL/TILDA/ENV/23-24/1270

Date: 25.12.2023

To  
The Regional Officer,  
Integrated Regional Office,  
Ministry of Environment and Forest, Climate Change  
Ground Floor Aranya Bhavan, North Block, Sec- 19  
Atal Nagar, Naya Raipur (C.G.) - 492002

Sub: Submission of Six-monthly Compliance Report for the period Apr'22 - Sept'23.

Ref: Environmental Clearance vide letter No. F.No.J-11011/394/2009-IA II (I) dated 23.05.2012, and Amendment in Environmental Clearance vide letter No. F. No. - J-11011/394/2009-IA II (I) dated 06.09.2016 and Extension Vide letter No. F. No. J-11011/394/2009-IA II (I) dated 12/07/2019 From Govt. of India, Ministry of Environment and Forests and Climate Change, for Shri Bajrang Power & Ispat Ltd., Village -Tandawa & Kundru, Tehsil- Tilda, Raipur (C.G.).


Dear Sir,

With reference to above cited subject, please find enclosed herewith Six monthly Compliance Report for the period Apr'22 - Sept'23, along with all supporting documents as required by your good office in compliance of the Environmental Clearance granted by Ministry of Environment & Forests and Climate Change (MoEF & CC), New Delhi vide letter No. **F.No.J-11011/394/2009-IA II (I) dated 23.05.2012** and Amendment in Environmental Clearance vide letter No. **F. No.- J-11011/394/2009-IA II (I) dated 06.09.2016** and Extension Vide letter No. **F. No. J-11011/394/2009-IA II (I) dated 12/07/2019**.

We hope, you will find the above in order.

Thanking you,

For SHRI BAJRANG POWER & ISPAT LTD.  
(TILDA DIVISION)

  
G R Telang  
(DGM - EHS)

Encl: As Mentioned Above

CC- 1. Regional officer, Chhattisgarh Environment Conservation Board, Kabir Nagar, Raipur (CG)  
2. Member Secretary, Chhattisgarh Environment Conservation Board, North Block, Sector-19, Atal Nagar Raipur, Chhattisgarh.

CIN No. : U27106CT2002PLC015184

Office & Works : Kh. No. 521/44, Village-Tandwa, Dharsiwa-Tilda Road,  
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**COMPLIANCE REPORT OF SPECIFIC & GENERAL CONDITIONS OF THE ENVIRONMENTAL CLEARANCE GRANTED BY MINISTRY OF ENVIRONMENT AND FORESTS, NEW DELHI FOR EXPANSION OF IRON ORE BENEFICIATION PLANT AND PELLETIZATION PLANT (INTEGRATED STEEL PLANT) BY M/S. SHRI BAJRANG POWER AND ISPAT LIMITED AT VILLAGE: TANDWA & KUNDRU, TEHSIL TILDA, DISTRICT RAIPUR (C.G).**

**REF: F. NO. J-11011/394/2009-IA II (I) DATED 23/05/2012. & Amendment vides F. NO. J-11011/394/2009-IA II (I) DATED 06/09/2016 and Extension Vide F. NO. J-11011/394/2009-IA II (I) DATED 12/07/2019**

**1. SPECIFIC CONDITIONS & THEIR STATUS**

Sr. No.	Compliance Conditions	Compliance Status as on 30/09/2023
i	Measures shall be taken to mitigate particulate matter levels in the ambient air and a time-bound action plan should be submitted. Continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50 mg/Nm <sup>3</sup> and adopting energy-efficient technology.	<p>All efforts are being made to mitigate particulate matter levels in the Ambient Air like installation and effective operation of ESP, Bag Filters, covered conveyors, Mist Water spray System, fixed and movable water sprinklers. Total 04 Nos. Online Continuous Ambient Air Quality Monitoring Stations have been installed at different locations of plant area.</p> <p>Online continuous stack gas monitoring system has been installed on RCC stacks of SID with WHRB Plant, Pellet plant and on MS stack of Ferro Alloys plant, MS stack of AOD Converter and stack emission level is being maintained within the prescribed limits.</p> <p>Effective and Sufficient energy-efficient Technology have been adopted.</p>
ii	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 November 2009 should be followed.	<p>Agreed and being complied.</p> <p>Ambient Air Quality Emission standards are being maintained within the prescribed norms.</p>
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry and regularly monitored.	Gaseous emission as well as secondary fugitive emission is being maintained within the latest prescribed limits and same are being monitored by outside authorized agency. Fugitive monitoring report attached as <b>Annexure -I</b>
iv.	Vehicular pollution due to transportation of raw material and finished product should be controlled.	Most of the internal roads are RCC/ concrete based.



	<p>Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.</p>	<p>At present, all existing concrete roads are being cleaned by Mechanical Road Sweeping machine as well as manually and water is being sprinkled on same roads by own water tankers on regular basis. At loading &amp; unloading area, water sprinkling arrangement like fixed &amp; movable water sprinklers are already installed to control dust emission during handling of Raw materials, finished products and generated solid wastes. All the conveyor belt system right from unloading point up to Ground hopper are totally closed and mist water spraying system installed to control fugitive emission.</p>
<p>v.</p>	<p>Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as crusher zone, loading and unloading point and all transfer points during handling of the ore. Extensive water sprinkling shall be carried out on roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.</p>	<p>Regular water sprinkling work is being done by water tankers, fixed &amp; movable water sprinklers, on all the internal roads, yards and at other desired locations. We have also installed Mist water spray system in all covered conveyer belts of critical areas such as crushing zone, Material loading and unloading points and all transfer points during handling of Ore. Apart from it Intermittently cleaning of roads are being done by Mechanical sweeping machine and water sprinkling on these, by own water tankers on regular basis. Ambient Air Quality parameters prescribed by the Central Pollution Control Board are being maintained well within the prescribed norms.</p>
<p>vi.</p>	<p>Prior 'permission' for the drawl of water from the department should be obtained. Efforts should be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.</p>	<p>Permission for drawl of 5.4 MCM water annually from Shivnath River has already been obtained from Water Resource Dept., Govt. of Chhattisgarh vide their letter no. 5667/302/WR/TECH/03/IWS/D-4 dtd 19.08.2010. At present, SBPIL has surrendered to Water resources department to the tune of 2.7 MCM water allocated in phase - II for our Integrated steel plant through our vide letter no. SBPIL/TLD/2020-21/2011 dtd. 21.09.20.</p> <p>Further that, 04 Nos Rain Water Harvesting systems have been installed at different location of plant area. Apart</p>



		from that we have enhanced the capacity of water reservoir tank for store the maximum water requirement.
vii	'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.	Zero effluent discharge is being maintained. Industrial Discharge Water is being treated in installed ETP of 80 KL capacity inside plant premises and treated water is being used in dust suppression & Plantation purposes. Domestic waste water is being treated in installed STP of 40 KL capacity and same is also being used for plantation and Dust suppression purpose. No any Treated or untreated water is being discharged outside of the plant premises.
viii	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act 1986 which ever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry 's Regional Office at Bhopal, SPCB and CPCB.	<p>We are carrying out the analysis of plant discharge water and ground water quality by outside authorized agency and submitting the reports to concerned authorities timely.</p> <p>Leachate study is being carried out by NABL, Accredited Third party.</p> <p>Copy of the same is enclosed as <b>Annexure-II</b>.</p> <p><b>Note: Reports are being submitted to Integrated Regional Office, MoEF&amp;CC, Aranya bhawan, North Block, Sector- 19, Naya Raipur, Raipur Chhattisgarh.</b></p>
ix	The reject generated during the beneficiation process shall be stacked at earmarked dump site only and it should not be kept active for a long period and their phase-wise stabilization shall be carried out. The maximum height of the dumps shall not exceed 30 m having 3 terraces of 10 m each and the overall slope of the dump shall be maintained to 28°. The dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. The reject dump shall be suitably rehabilitated with coco-coir/geo textile to prevent	We would like to inform you that we have adopted Paste Thickener Technology in our Beneficiation unit, which is most eco-friendly technology in terms of generation & disposal of solid waste and also helping in conservation of natural resources (Such as water). However, at present the reject, generated during the Beneficiation process is being stacked at their designated place, as suggested for the short period and is being disposed off timely. The dump height, slope & terraces etc. are being maintained as per prescribed norms. The maximum height of dump is being maintained 30 meters in



	<p>erosion and prevention of fine particles getting airborne. Compliance status shall be submitted to the Ministry of Environment &amp; Forests and its Regional Office located at Bhopal on six monthly basis.</p>	<p>3 stages and overall slop of dump are not exceed 28°. Six monthly compliance is being complied and submitted to the concerned authority timely.</p> <p><b>Note: Report are being submitted to Integrated Regional Office, MoEF&amp;CC, Arany bhawan, North Block, Sector- 19, Naya Raipur, Raipur Chhattisgarh.</b></p>
x	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the water body. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.</p>	<p>Agreed and being followed.</p> <p>Some quantity of collected water is being re-utilized in Beneficiation Process in recirculating manner and balance is being utilized for water sprinkling on roads, green Belt development etc.</p> <p>The drains are being desilted in particular period, after the monsoon and maintained in good condition.</p>
xi	<p>Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the Baitarni River and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. <b>Sump capacity should also provide adequate retention period to allow proper settling of all material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.</b></p>	<p>Agreed and being followed.</p> <p>We would like to inform that there is no River within the 10 Km radius. while Shivnath River is flowing at a distance of 13.5 Kms from the Plant. Also, Baitarani River is passing from Kyonjhar (Orissa State), not from Chhattisgarh state.</p>
xii	<p>The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.</p>	<p>Agreed and being complied.</p> <p>The Tailing pond has been lined with impervious lining. We are pleased to inform you that we have adopted Paste Thickener Technology, which is an eco-friendly process i.e. water conservation process. The garland drains has been constructed around the tailing/slime pond.</p>



xiii	The ground water quality around the tailing pond/slime pond shall be monitored regularly and records maintained.	Agreed and Being Followed.  Reports of Ground water quality, around the tailing pond/slime pond are being monitored regularly and records are being maintained.
xiv	The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.	We are pleased to inform you that we have adopted Paste Thickener Technology, which is an eco-friendly process i.e. water conservation process. Decanted water from the Paste Thickener process is being re-circulated and no water is being discharge neither inside nor outside the plant premises, hence zero discharge is being maintained by us.
xv	The ground water quality around the tailing/ slime pond shall be monitored regularly. The monitoring network shall be designed in consultation with State Ground Water Board /Central Ground Water Authority. There shall be at least one monitoring station between the tailing/slime pond and the river.	Agreed and being followed. The ground water quality, around the tailing/ slime pond is being monitored regularly.
xvi	Proper handling, storage, utilization and disposal of all the solid waste should be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste should be submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB.	All generated solid wastes are being disposed off in safe & scientific manner.  Generated fly ash from power plant is being utilized in our own Fly Ash Bricks Plant and balance if, is being supplied to other Fly Ash Bricks manufacturers.  Generated Dolochar is being used in our own coal-based Power Plant (09 MW) and surplus, if any, is being utilized in our SBPIL Gondwara Unit 16MW AFBC power plant.  Generated Hazardous waste - Used Oil is being used within the Plant for lubrication of Belt Conveyors, Chain drives etc. surplus quantity, if any, shall be sold to authorized recycler.  Generated Resin from DM plant is being utilized for energy recovery in Power



		<p>plant and DRI kiln of Sponge Iron for captive use within premises.</p> <p>Tailing is being sold to Cement manufacturing units.</p> <p>Phenolic water is being sprinkled in ABC of our Sponge Iron Kiln. Also, we have carried out Chemical Analysis of Fly Ash and Dolochar and reports are already submitted to concerned authorities.</p>
xvii	A Disaster Management Plan should be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within 3 months of issue of environment clearance letter.	We have already submitted Disaster Management Plan to the concerned authorities.
xviii	Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.	Our horticulture team with consultation of DFO has developed green belt and Extensive plantation is being carried out in 33% of the plant area, as per CPCB guideline. We have already covered 33% green belt of our plant area. So far, we have planted around 1,18,500 Nos. within the plant premises.
xix	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	CSR works are being done by our group, as per prevailing norms of companies Act & Rules as applicable. Which has covered the need-based development work for benefit of people at nearby villages.
xx	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<p>Our Plant is in operation from 14-03-2013.</p> <p>Workers engaged in construction works were from nearby villages, however necessary infrastructure and facilities like Toilets, drinking water facility, Canteen, well equipped Occupational Health Centre etc. are provided at Plant premises.</p>



<p>xxi</p>	<p>The Company shall submit within three months their policy towards Corporate Environment Responsibility' which should inter-alia address (i) Standard operating process/ procedure to being into focus any infringement / deviation/ violation of environmental or forest norms/conditions,</p> <p>(ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to, the environmental clearance conditions and</p> <p>(iii) System of reporting of noncompliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.</p>	<p>Agreed and being followed.</p> <p>We have a well laid Hierarchical system or Administrative order of the Company to deal with all environmental issues.</p> <p>Copy of CSR Policy is already submitted to MoEF, Regional office, Nagpur.</p> <p>We have in place system of reporting of noncompliance/violation of environmental norms to the Board of Directors of company.</p>
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**B. GENERAL CONDITIONS:**

Sl. No.	Conditions Laid Down by MoEF	Compliance by SBPIL
i	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.	Agreed and being complied.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted and agreed. No further expansion or modification will be carried out without permission of MoEF&CC.
iii.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOx are anticipated in consultation with the CECB including one ambient air quality monitoring station in the down wind direction. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhopal and the CECB / CPCB once in six months.	For Ambient Air quality monitoring, 04 Nos. Continuous online Ambient Air quality monitoring stations has been installed at desired locations within plant premises by us. Simultaneously, for stack emission monitoring, we have installed Continuous online stack emission monitoring systems on both RCC stacks of SID with WHRB & Pellet plant, MS Stack of Ferro Alloys plant and AOD Converter. All the systems are connected with the server of CPCB as well as CECB, Raipur (C.G.). Data on ambient air quality and stack emission are being submitted to the concerned authorities timely. Monitoring Report is enclosed as <b>Annexure- III.</b>
iv.	Industrial waste water shall be properly collected, treated so as to confirm to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Agreed and being complied. The industrial waste water (phenolic Water) about 03 M <sup>3</sup> /Day generated from Coal Gasifier unit of our Pellet plant is being sprinkled in ABC of Sponge Iron kiln. Discharged Waste water is being treated in ETP of 80 KL capacity and after treatment water is being used for dust suppression and plantation.
v.	The overall noise levels in and around the plant area shall be kept well within	Agreed and being followed.



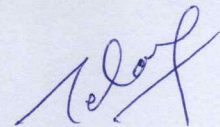
	<p>the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).</p>	<p>Suitable steps are being taken to maintain the noise level within the prescribed norms. Personal protective equipment (PPEs) like ear plugs etc. are being issued to concerned employees of noise prone area by us.</p> <p>Copy of noise monitoring reports is attached as <b>Annexure IV</b>.</p>
vi.	<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Agreed and being complied.</p> <p>OHS activities like Health &amp; medical checkup camps for plant employees are being organized on regular basis. Copies of reports of patients for sample are enclosed as <b>Annexure-V</b>.</p> <p>Also, records are being maintained as per Factories Act.</p>
vii.	<p>The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p>	<p>Agreed and being complied.</p> <p>For the recharge of ground water level, 04 Nos Rain Water Harvesting systems have been installed and 2 nos. newer Rain water Structure has been under construction at different locations of plant area for recharge of ground water.</p>
viii.	<p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc..</p>	<p>Agreed and being followed.</p> <p>We are complying with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Our company has already been undertaking socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.</p>
ix.	<p>Requisite amount shall be earmarked towards the capital cost and recurring cost/annum for environmental protection measures and judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the</p>	<p>Agreed and being Complied.</p>



	State Government. The funds so provided shall not be diverted for any other purpose.	
x.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representation, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Agreed and being followed.  Copy of Environment clearance already sent to all concerned department Authority.
xi.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the CECB. The criteria pollutant levels namely; PM10, SO2 and NOx ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Agreed and being followed.  We are uploading status of compliance of the stipulated environment clearance conditions, including results of monitored data on our website and updating these times to time and same are being sent to the concerned offices. All the criteria Pollutants levels as well as other parameters results are being displayed on display board near the main gate of the company.
xii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF at Bhopal, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhopal / CPCB / CECB shall monitor the stipulated conditions.	Agreed and being followed.  Six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data are being regularly submitted to the concerned authority in both hard copies as well as sent by e-mail.
xiii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the	Agreed and being Complied.  The environmental statement for each financial year ending 31st March in



	concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by E-mail.	Form-V is being submitted timely in to the concerned authorities timely. Last year (for FY 2021-22) submission of Form-V on vide letter no. SBPIL/Tilda/ENV/2022-23/1052 Dtd. 24.09.2022.
xiv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the CEGB and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bhopal.	Agreed.  We have already advertised of Environment Clearance details in two local News Papers. Copies of the same were submitted to the Regional office, Nagpur.
xv.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Agreed and being complied.  We have Already informed to all concerned authorities.







HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02623	
<b>To, SHRI BAJRANG POWER &amp; ISPAT LTD. VILL: TANDAWA &amp; KUNDRU, DHARSIWA -TILDA ROAD, TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/FE/05384	
		DATE OF SAMPLING	16/04/2023	
		DATE OF RECEIPT	17/04/2023	
		DATE OF REPORT	21/04/2023	
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023
		<b>SAMPLE DETAILS</b>		
MONITORING FOR	FUGITIVE EMISSION			
SAMPLING LOCATION	NEAR ASH SILO	LATITUDE	21.486441	
		LONGITUDE	81.769153	
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	8 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	GMF FILTER PAPER (8 X 10 INCH): 1X1 NO.			

### TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	MOEF & CC Notification	METHOD REFERENCE
1	Total Suspended Particulate Matter (as SPM)	$\mu\text{g}/\text{m}^3$	637	2000	EPA Method IO-2.1

Note: All results are on the basis of 8 hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

**Terms & conditions**

- > The report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only

 21/04/23 <b>REVIEWED BY</b>	 <b>For ULTIMATE ENVIROLYTICAL SOLUTIONS</b>	 <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02624	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/FE/05385	
		DATE OF SAMPLING	16/04/2023	
		DATE OF RECEIPT	17/04/2023	
		DATE OF REPORT	21/04/2023	
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023
<b>SAMPLE DETAILS</b>				
MONITORING FOR	FUGITIVE EMISSION			
SAMPLING LOCATION	NEAR BANIFICATION PLANT	LATITUDE	21.484683	
		LONGITUDE	81.772484	
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	8 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	GMF FILTER PAPER (8 X 10 INCH): 1X1 NO.			

## TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	MOEF& CC Notification	METHOD REFERENCE
1	Total Suspended Particulate Matter (as SPM)	$\mu\text{g}/\text{m}^3$	778	2000	EPA Method IO-2.1

Note: All results are on the basis of 8hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

### Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only

 21/04/23 <b>REVIEWED BY</b>		For ULTIMATE ENVIROLYTICAL SOLUTIONS  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





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Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02625		
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/FE/05386		
		DATE OF SAMPLING	16/04/2023		
		DATE OF RECEIPT	17/04/2023		
		DATE OF REPORT	21/04/2023		
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023	
		<b>SAMPLE DETAILS</b>			
MONITORING FOR	FUGITIVE EMISSION				
SAMPLING LOCATION	NEAR RAW MATERIAL YARD	LATITUDE	21.493157		
		LONGITUDE	81.775055		
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023				
SAMPLE COLLECTED BY	LABORATORY CHEMIST				
DURATION OF SAMPLING	8 HOURS				
SAMPLING PROCEDURE	AS PER METHOD REFERENCE				
SAMPLE QUANTITY/PACKING	GMF FILTER PAPER (8 X 10 INCH): 1X1 NO.				

## TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	MOEF & CC Notification	METHOD REFERENCE
1	Total Suspended Particulate Matter (as SPM)	µg/m <sup>3</sup>	652	2000	EPA Method IO-2.1

Note: All results are on the basis of 8 hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

### Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only

 21/04/23 <b>REVIEWED BY</b>	 <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b> RAIPUR (C.G.)	For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02626	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD ,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/FE/05387	
		DATE OF SAMPLING	16/04/2023	
		DATE OF RECEIPT	17/04/2023	
		DATE OF REPORT	21/04/2023	
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023
<b>SAMPLE DETAILS</b>				
MONITORING FOR	FUGITIVE EMISSION			
SAMPLING LOCATION	NEAR SID COOLER DISCHARGE AREA	LATITUDE	21.487669	
		LONGITUDE	81.769348	
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	8 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	GMF FILTER PAPER (8 X 10 INCH): 1X1 NO.			

## TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	MOEF& CC Notification	METHOD REFERENCE
1	Total Suspended Particulate Matter (as SPM)	µg/m <sup>3</sup>	640	2000	EPA Method IO-2.1

Note: All results are on the basis of 8 hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

### Terms & conditions

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- This is for information as the party has asked for above test(s) only.

 21/04/23 <b>REVIEWED BY</b>	 <b>For ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer		REPORT NO.	UES/TR/23-24/02630
<b>To,</b> <b>SHRI BAJRANG POWER AND ISPAT LTD.</b> <b>VILLAGE-TANDWA &amp; KUNDRU,</b> <b>DHARSIWA-TILDA ROAD, TEHSIL-TILDA,</b> <b>RAIPUR (C.G.)</b>		LAB REF NO.	UES/23-24/MISC/05396
		DATE OF SAMPLING	16/04/2023
		DATE OF RECEIPT	17/04/2023
		DATE OF REPORT	21/04/2023
		DATE OF ANALYSIS	START: 17/04/2023      END: 21/04/2023
<b>SAMPLE DETAILS</b>			
<b>TCLP TEST</b>			
CUSTOMER SAMPLE ID	SOLID WASTE	CUSTOMER REF. NO. & DATE	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023
SAMPLE TYPE	FERRO SLAG	SAMPLE CONDITION AT RECEIPT	OK
SAMPLE COLLECTED BY	CUSTOMER	QUANTITY RECEIVED	1 KG.

### TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	LIMIT SCHEDULE II [See rule 3 (1) (17) (ii)]	RESULT
1	Manganese as Mn	mg/kg	USEPA METHOD-1311	10.0	5.08
2	Zinc as Zn	mg/kg	USEPA METHOD-1311	250	12.1
3	Lead as Pb	mg/kg	USEPA METHOD-1311	5.0	1.29
4	Cadmium as Cd	mg/kg	USEPA METHOD-1311	1.0	N.D.
5	Chromium as Cr	mg/kg	USEPA METHOD-1311	5.0	1.24
6	Arsenic as As	mg/kg	USEPA METHOD-1311	5.0	N.D.
7	Mercury as Hg	mg/kg	USEPA METHOD-1311	0.2	N.D.
8	Nickel as Ni	mg/kg	USEPA METHOD-1311	20.0	0.09
9	Aluminium as Al	mg/kg	USEPA METHOD-1311	-	N.D.

Note: N.D. – Not Detected

**REMARKS: RESULTS ARE AS ABOVE**

**Terms & conditions**

- The above analysis report refers to the particular sample received at our end and the use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.

 21/04/23 <b>PREPARED BY</b>		For ULTIMATE ENVIROLYTICAL SOLUTIONS   <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





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Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02617	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD ,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/AAQM/05378	
		DATE OF SAMPLING	16/04/2023 to 17/04/2023	
		DATE OF RECEIPT	17/04/2023	
		DATE OF REPORT	21/04/2023	
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023
<b>SAMPLE DETAILS</b>				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
SAMPLING LOCATION	NEAR SID COOLER DISCHARGE	LATITUDE	21.487669	
		LONGITUDE	81.769348	
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	24 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM <sub>10</sub> ): 1X1 NO., FILTER PAPER (PM <sub>2.5</sub> ): 1X1 NO., SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

### TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (as PM <sub>10</sub> )	µg/m <sup>3</sup>	80	100	IS: 5182 (Part-23) : 2017
2	Particulate Matter size less than 2.5 microns (as PM <sub>2.5</sub> )	µg/m <sup>3</sup>	41	60	IS: 5182 (Part-24) : 2019
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	17	80	IS: 5182 (Part-2) : 2017
4	Nitrogen Dioxide (as NO <sub>2</sub> )	µg/m <sup>3</sup>	30	80	IS: 5182 (Part-6) : 2017
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	1.2	4.0	IS 5182 (Part 10) : 1999, RA 2003

Note: All results are on the basis of 24hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

#### Terms & conditions

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- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only

 21/04/23		For ULTIMATE ENVIROLYTICAL SOLUTIONS    <b>AUTHORIZED SIGNATORY</b>
<b>REVIEWED BY</b>		<b>AUTHORIZED SIGNATORY</b>

-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02618	
<b>To,</b>		LAB REF NO	UES/23-24/AAQM/05379	
<b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b>		DATE OF SAMPLING	16/04/2023 to 17/04/2023	
<b>VILL: TANDAWA &amp; KUNDRU,</b>		DATE OF RECEIPT	17/04/2023	
<b>DHARSIWA -TILDA ROAD ,</b>		DATE OF REPORT	21/04/2023	
<b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2022
<b>SAMPLE DETAILS</b>				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
SAMPLING LOCATION	NEAR MAIN GATE			
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	24 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM <sub>10</sub> ): 1X1 NO., FILTER PAPER (PM <sub>2.5</sub> ): 1X1 NO., SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

### TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (as PM <sub>10</sub> )	µg/m <sup>3</sup>	77	100	IS: 5182 (Part-23) : 2017
2	Particulate Matter size less than 2.5 microns (as PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38	60	IS: 5182 (Part-24) : 2019
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	16	80	IS: 5182 (Part-2) : 2017
4	Nitrogen Dioxide (as NO <sub>2</sub> )	µg/m <sup>3</sup>	28	80	IS: 5182 (Part-6) : 2017
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	1.0	4.0	IS 5182 (Part 10) : 1999, RA 2003

Note: All results are on the basis of 24 hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

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- This is for information as the party has asked for above test(s) only

 21/04/23 <b>REVIEWED BY</b>	 <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b> HDD-272, PHASE-3, KABIR NAGAR RINGROAD RAIPUR (C.G.)	For ULTIMATE ENVIROLYTICAL SOLUTIONS  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer		REPORT NO	UES/TR/23-24/02619	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/AAQM/05380	
		DATE OF SAMPLING	16/04/2023 to 17/04/2023	
		DATE OF RECEIPT	17/04/2023	
		DATE OF REPORT	21/04/2023	
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023
<b>SAMPLE DETAILS</b>				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
SAMPLING LOCATION	NEAR ADMIN BUILDING	LATITUDE	21.311607	
		LONGITUDE	81.593498	
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	24 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM <sub>10</sub> ): 1X1 NO., FILTER PAPER (PM <sub>2.5</sub> ): 1X1 NO., SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

### TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (as PM <sub>10</sub> )	µg/m <sup>3</sup>	71	100	IS: 5182 (Part-23) : 2017
2	Particulate Matter size less than 2.5 microns (as PM <sub>2.5</sub> )	µg/m <sup>3</sup>	30	60	IS: 5182 (Part-24) : 2019
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	15	80	IS: 5182 (Part-2) : 2017
4	Nitrogen Dioxide (as NO <sub>2</sub> )	µg/m <sup>3</sup>	20	80	IS: 5182 (Part-6) : 2017
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	0.8	4.0	IS 5182 (Part 10) : 1999, RA 2003

Note: All results are on the basis of 24 hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

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- This is for information as the party has asked for above test(s) only

 21/04/23 <b>REVIEWED BY</b>	 <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b> HDD-272, PHASE III, NEAR JP CHOWK, RING ROAD NO. 2, KABIR NAGAR, RAIPUR (C.G.)	For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer		REPORT NO	UES/TR/23-24/02620	
<b>To,</b> <b>SHRI BAJRANG POWER &amp; ISPAT LTD.</b> <b>VILL: TANDAWA &amp; KUNDRU,</b> <b>DHARSIWA -TILDA ROAD ,</b> <b>TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/AAQM/05381	
		DATE OF SAMPLING	16/04/2023 to 17/04/2023	
		DATE OF RECEIPT	17/04/2023	
		DATE OF REPORT	21/04/2023	
		DATE OF ANALYSIS	START: 17/04/2023	END: 21/04/2023
<b>SAMPLE DETAILS</b>				
MONITORING FOR	AMBIENT AIR QUALITY MONITORING			
SAMPLING LOCATION	NEAR RAW MATERIAL YARD	LATITUDE	21.493157	
		LONGITUDE	81.75055	
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
DURATION OF SAMPLING	24 HOURS			
SAMPLING PROCEDURE	AS PER METHOD REFERENCE			
SAMPLE QUANTITY/PACKING	FILTER PAPER (PM <sub>10</sub> ): 1X1 NO., FILTER PAPER (PM <sub>2.5</sub> ): 1X1 NO. SO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE, NO <sub>2</sub> : 30MLX1 NO. PVC BOTTLE RUBBER BLADDER: 1X1 NO.			

### TEST REPORT

SR. NO.	PARAMETER	UNIT	RESULT	NAAQM STANDARD	METHOD REFERENCE
1	Particulate Matter size less than 10 microns (as PM <sub>10</sub> )	µg/m <sup>3</sup>	78	100	IS: 5182 (Part-23) : 2017
2	Particulate Matter size less than 2.5 microns (as PM <sub>2.5</sub> )	µg/m <sup>3</sup>	40	60	IS: 5182 (Part-24) : 2019
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	21	80	IS: 5182 (Part-2) : 2017
4	Nitrogen Dioxide (as NO <sub>2</sub> )	µg/m <sup>3</sup>	27	80	IS: 5182 (Part-6) : 2017
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	1.0	4.0	IS 5182 (Part 10) : 1999, RA 2003

Note: All results are on the basis of 24 hour sampling.

**REMARKS: RESULTS ARE AS ABOVE**

#### Terms & conditions

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- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only

 21/04/23 <b>REVIEWED BY</b>		For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----





HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name &amp; Address Of The Customer</i>		REPORT NO	UES/TR/23-24/02627
<b>To, SHRI BAJRANG POWER &amp; ISPAT LTD. VILL: TANDAWA &amp; KUNDRU, DHARSIWA -TILDA ROAD , TEHSIL -TILDA, RAIPUR(C.G.)</b>		LAB REF NO	UES/23-24/N/05388-05393
		DATE OF SAMPLING	16/04/2023 to 17/04/2023
		DATE OF REPORT	20/04/2023
		<b>SAMPLE DETAILS</b>	
MONITORING FOR	NOISE LEVEL MONITORING		
SAMPLING LOCATION	INSIDE PLANT (AS DESCRIBED BELOW)		
CUSTOMER REF. NO.	SBPIL(TILDA)/ENV/2023-24/500, DATED:03/04/2023		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	MANUFACTURER'S INSTRUCTION		
SAMPLE QUANTITY/PACKING	NOT APPLICABLE		

### TEST REPORT

LOCATION	UNIT	RESULT		LIMIT (INDUSTRIAL ZONE)	
		DAY TIME	NIGHT TIME	DAY TIME	NIGHT TIME
NEAR SID COOLER DISCHARGE AREA	dB (A)	70	65	75	70
NEAR RAW MATERIAL YARD	dB (A)	68	52		
NEAR POWER PLANT	dB (A)	67	58		
NEAR MAIN GATE	dB (A)	68	50		
NEAR PALLET PLANT	dB (A)	65	53		
NEAR BANIFICATION PLANT	dB (A)	68	59		

#### REMARKS: RESULTS ARE AS ABOVE

##### Terms & conditions

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- This is for information as the party has asked for above test(s) only

 20/04/23 PREPARED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS   AUTHORIZED SIGNATORY
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-----End of the test report-----





# Ruprela

(SINCE 1982)

## X-ray & Advanced Diagnostic Centre

(AN ISO Certified lab - certificate No. UK-RXR-0201)

OPP. TAHSIL OFFICE, BEHIND BAJRANG MANDIR

G.E. ROAD KATCHERY CHOWK, RAIPUR

TEL : 0771-2234270

M : 7470889922

E-Mail : ruprelahealthcare7@gmail.com

FACILITY AVAILABLE : • NON VASCULAR INTERVENTION • 16 SLICE CT SCAN • 3D & 4D SONOGRAPHY WITH COLOR DOPPLER  
• TRANS RECTAL ULTRASOUND • TRANS ANAL ULTRASOUND • FULL LEG SPINE SCANOGAM • DIGITAL X-RAY WITH IMAGE INTENSIFIER  
• DIGITAL OPG • DIGITAL MAMOGRAPHY • SONOMAMMOGRAPHY • ELASTOGRAPHY • BMD/DEXA SCAN • ECHOCARDIOGRAPHY  
• COMPUTERISED ECG • VIDEO DIGITAL EEG • BERA • SPIROMETER • PATHOLOGY • HISTO-PATHOLOGY • CYTOLOGY

### FORM 21 (Annexure)

[prescribed under Rule(19)]

Health Register

(in respect of persons employed in occupation declared to be dangerous operation under section 87)

### PRE-EMPLOYMENT & PERIODIC MEDICAL EXAMINATION

Registration No : 013

Date : 15-05-2023

Name : AVINASH VERMA

Age (Years): 32

Gender : Male

Nature of Employment :

Employee No. : 302177

Date of Joining :

Last Medical Date :

Department : FA-MECH

Designation : ASST. FITTER

No. of Working Year : Previous Working :

Mobile No. :

ESIC Number :

Aadhar No. :

#### 1. GENERAL EXAMINATION

HEIGHT : 169 cm	WEIGHT : 58 Kg	BMI : 20.31
CHEST INSPIRATION : 94 cm	EXPIRATION : 100 cm	BUILT : Average
THROAT : Normal	THYROID : Note Palpabel	LYMPH NODES : Note Palpabel
TOUNGE : Normal	TEETH : Normal	GUMS : Normal
TONSILS : Normal	ADDITIONAL FINDING IF ANY : Absent	

#### 2. CARDIO-VASCULAR SYSTEM

PULSE : 85/min Regular	PERIPHERAL PULSE : Felt
BP : 136/85 mmHg	MURMUR IF ANY : Absent
HEART SOUND : Normal	ADDITIONAL FINDING IF ANY : Absent

#### 3. RESPIRATORY SYSTEM

SHAPE OF CHEST : Normal	CHEST MOVEMENTS : Normal
TRACHEA : Normal	BREATH SOUNDS : Normal

#### 4. GASTRO-INTESTINAL SYSTEM

LIVER : Note Palpabel	SPLEEN : Note Palpabel
ANY ABDOMINAL LUMP : Absent	

#### 5. EXAMINATION OF EYE

EXTERNAL EXAMINATIN SQUINT : Normal	NYSTAGMUS : Normal
COLOUR VISION : Normal	FUNDUS : Normal
INDIVIDUAL COLOUR IDENTIFICATION : Normal	
<b>DISTANT VISION (WITHOUT GLASSES)</b>	<b>NEAR VISION (WITHOUT GLASSES)</b>
RIGHT : 6/6 LEFT : 6/6	RIGHT : N/6 LEFT : N/6
<b>DISTANT VISION (WITH GLASSES)</b>	<b>NEAR VISION (WITH GLASSES)</b>
RIGHT : LEFT :	RIGHT : LEFT :

#### 6. EXAMINATION EAR, NOSE & THROAT : EXTERNAL EXAMINATION :- Normal

#### 7. GENITO URINARY SYSTEM

HERNIA : Absent	HYDROCELE / VERICOCELE : Absent	CRYPTORCHISISM : Absent
PHIMOSIS : Absent	VARICOSE VEIN : Absent	SIGNS OF STD : Absent
OTHER EXAMINATIN FOR FEMALES : MENSTRUAL HISTORY OBSTERIC HISTORY		
MENARCHE AT : YRS :	GRAVIDA :	PARA:
LMP :	MENSTRUL IRREGULARITY IF ANY :	

RADIOLOGY

DR. RAJESH RUPRELA

MBBS, DMRE, FICA (USA), MRSH (LONDON)  
Radiologist

RADIOLOGY

DR. HARSHAD RUPRELA

MBBS, DMRD, DNB (MUMBAI)  
Radiologist



FACILITY AVAILABLE : • NON VASCULAR INTERVENTION • 16 SLICE CT SCAN • 3D & 4D SONOGRAPHY WITH COLOR DOPPLER  
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 • COMPUTERISED ECG • VIDEO DIGITAL EEG • BERA • SPIROMETER • PATHOLOGY • HISTO-PATHOLOGY • CYTOLOGY

### INVESTIGATION

#### 8. LAB INVESTIGATION :

HEMOGRAM	LIPID PROFILE	HEPATIC PROFILE
HB : 13.7 gm %	Cholesterol : 163.0 mg/dl	Bilirubin : (Total) 0.86 mg %
TLC : 6300 cmm	Tryglyceride : 137.0 mg/dl	Bilirubin (Direct) : 0.25 mg %
DLC : P 55 L 42 E 02 M 01 B 00	HDL : 39.0 mg/dl	Bilirubin (Indirect) : 0.61 mg %
RBC : 5.2 million/cmm	LDL : 96.60 mg/dl	SGOT : 19.0 IU/L
Platelet : 182 lacs/cmm	VLDL : 27.40 mg/dl	SGPT : 20.0 IU/L
ESR : 07 mm/hr	CHO:HDL :	ALK PHOS 120.0 IU/L
Blood Group : B+ RH Type : Positive		
METABOLIC	OTHER INVESTIGATION	URINE EXAMINATION
B.Sugar (F) : 95.0 mg/dl	Anti HIV 1 & 2 :	Urine Albumin : Nil
B.Sugar (PP) : 117.0 mg/dl	HBsAg :	Urine Sugar : Nil
Uric Acid : 3.8 mg/dl	Anti HCV :	Microscopy : Nil
Blood Urea : 41.0 mg/dl	Syphilis :	
SR CREAT : 1.20 mg/dl	THS :	
STOOL : mg/dl	WIDAL :	

#### 9. OTHER INVESTIGATIONS :

- ECG (In case of any abnormality further test should be carried out.) : Normal
- X ray chest (In normal person once in 3 years, in case of any abnormality X ray can be done at shorter intervals.) : Normal
- Ultrasound whole abdomen (In normal person once in 3 years, in case of any abnormality X ray can be done at shorter intervals.) : Normal
- Others :

#### 10. PULMONARY FUNCTION TESTS :

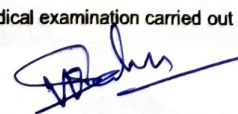
	FVC	FEC 1	FEC1/FVC
Predicted			
Measured			
% of Predicted	108	129	119

Remarks : Normal

#### 11. AUDIOMETRY EXAMINATION : Normal

#### 12. MEDICAL EXAMINATION OF CANTEEN STAFF :

13. Detail of other specific medical examination carried out as mentioned in the respective in the respective schedules or rule 107 of CG factories rules 1962.

  
Signature (with date) of factory medical officer

  
Signature (with date) of certifying surgeon

**Dr. Vinay Kumar Sahu**  
Medical Officer (MBBS)  
OHC, SBPIL (TILDA)  
Reg. No. - C.G.M.C. 8313/2018

**DR. HARSHAD RUPRELA**  
MBBS. DMRO. D.N.B.  
REG. NO.: CGMC 6849/2016

RADIOLOGY

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Radiologist





# Ruprela

(SINCE 1982)

## X-ray & Advanced Diagnostic Centre

(AN ISO Certified lab - certificate No. UK-RXR-0201)

OPP. TAHSIL OFFICE, BEHIND BAJRANG MANDIR

G.E. ROAD KATCHERY CHOWK, RAIPUR

TEL : 0771-2234270

M : 7470889922

E-Mail : ruprelahealthcare7@gmail.com

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Name : AVINASH VERMA

Report Printed ON At : 15-05-2023

Consultant : SHRI BAJRANG POWER & ISPAT LTD (TILDA) .


Age / Sex : 32 Y / Male

Sample Received On/ At : 15-05-2023

### Haematology

Parameter	Result	Unit	Normal Range
ABO Group	B+		
Rh Type	Positive		
Total WBC Count	6300	/cumm	4000-11000
Total RBC	5.2	$10^6/\mu\text{l}$	3.50-5.50
Haemoglobin	13.7	g/dl	12.0-16.5
Platelet Count	182	$10^3/\mu\text{l}$	150-450
Neutrophils	55	%	40-75
Lymphocytes	42	%	20-40
Eosinophils	02	%	1-6
Monocytes	01	%	1-10
Basophils	00	%	0-1
ESR	07	mm at 1hr	05-20

CHECKED BY

  
DR. SHRADDHA SAHU  
MBBS.MD (Pathology)  
(Pathologist)

**DR. SHRADDHA SAHU**  
MBBS. MD. (PATHOLOGY)  
REG. NO.-C.G.M.C. 6485/2016

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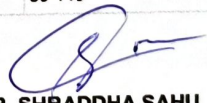
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  - PATHOLOGY
  - HISTO-PATHOLOGY
  - CYTOLOGY

Name : AVINASH VERMA  
 Report Printed ON At : 15-05-2023  
 Consultant : SHRI BAJRANG POWER & ISPAT LTD (TILDA) .

Age / Sex: 32 Y / Male  
 Sample Received On/ At : 15-05-2023

Bio Chemistry			
Parameter	Result	Unit	Normal Range
Urea	41.0	mg/dl	15-45
Serum Creatinine	1.20	mg/dl	0.6-1.4
Uric Acid	3.8	mg/dl	3.6-7.0
Bilirubin - Total	0.86	mg/dl	0.1-1.2
Bilirubin - Direct	0.25	mg/dl	0-0.3
Bilirubin - (Indirect)	0.61	mg/dl	0-0.6
SGOT(AST)	19.0	U/L	0-45
SGPT(ALT)	20.0	U/L	0-45
<b>Alkaline Phosphatase(ALP)</b>			
Alkaline Phosphatase(ALP)	120.0	U/L	41-270
Total Cholesterol	163.0	mg/dl	150-200
Triglycerides	137.0	mg/dl	35-170
HDL Cholesterol	39.0	mg/dl	35-70
VDL Cholesterol	96.60	mg/dl	Less than 100
LDL Cholesterol	27.40	mg/dl	7-35
<b>Blood Sugar Fasting</b>	95.0	mg/dl	70-110
Blood Sugar	117.0	mg/dl	80-140

CHECKED BY



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 (Pathologist)

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(SINCE 1982)

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  - CYTOLOGY

Name : AVINASH VERMA

Age / Sex : 32 Y / Male

Report Printed ON At : 15-05-2023


Sample Received On/ At : 15-05-2023

Consultant : SHRI BAJRANG POWER & ISPAT LTD (TILDA) .

### CLINICAL PATHOLOGY

Parameter	Result	Unit	Normal Range
<b>URINE ROUTINE ANI</b>			
<b>Physical Examination</b>			
Colour	Pale Yellow		
Quantity	30	ml	>30
Appearance	Clear	-	Clear
Reaction	Acidic	-	Acidic
<b>Chemical Examination</b>			
Albumin	Nil	-	NIL
Sugar	Nil	%	NIL
<b>Microscopy Examination</b>			
RBC	Nil	/hpf	NIL
PUS Cells	4-6	/hpf	< 5
Epithelial Cells	2-3	/hpf	< 3
Crystals	Absent	-	Absent
Casts	Absent	-	Absent
Bacteria	Absent	-	Absent
Other (Urine)			

CHECKED BY

  
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 MBBS.MD (Pathology)  
 (Pathologist)

**DR. SHRADDHA SAHU**

MBBS. MD. (PATHOLOGY)

REG. NO.-C.G.M.C. 6485/2016

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Date 15/05/2023

Reg No : 153228  
Name : AVINASH VERMA302177  
Referred By : Dr. SHRI BAJRANG 2023  
Sex/Age : M/32 Y

### USG ABDOMEN AND PELVIS

#### LIVER

: Normal in size, shape & echotexture.  
No focal or diffuse lesion seen.  
IHBRs & CBD are normal in appearance.  
Portal vein is normal in size, hepatopetal flow.

#### GALL BLADDER

: Lumen is well distended & echofree. No calculus or sludge is seen.

#### SPLEEN

: Normal in size, shape & echotexture.  
No focal lesion seen. splenic vein - normal.

#### RETROPERITONEUM

: Pancreas normal in size and echotexture.  
No retroperitoneal / paraaortic lymphadenopathy.  
Aorta and IVC normal.

#### KIDNEYS

: Both kidneys appear normal in size, shape & echotexture.  
Cortical thickness & corticomedullary differentiation normal.  
No calculus and no hydronephrosis.

#### PROSTATE

: Prostate is normal in size.  
No median lobe bulge. echotexture normal.  
No focal lesion seen. capsule is intact.

#### URINARY BLADDER


: Shows normal uniform wall thickness with smooth inner margin.

#### IMPRESSION :

- NO SONOGRAPHIC ABNORMALITY DETECTED IN CURRENT SCAN.

Suggest- Clinical Correlation.

Dr. Anuradha Shukla  
MBBS, MD RADIOLOGIST (TMH MUMBAI)

  
Dr. Harshad Ruprela  
MBBS, DMRD, DNB (MUMBAI)  
DR. HARSHAD RUPRELA  
MBBS, DMRO, D.N.B.  
REG. NO.: CGMC 6849/2016

RADIOLOGY

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RADIOLOGY

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Radiologist



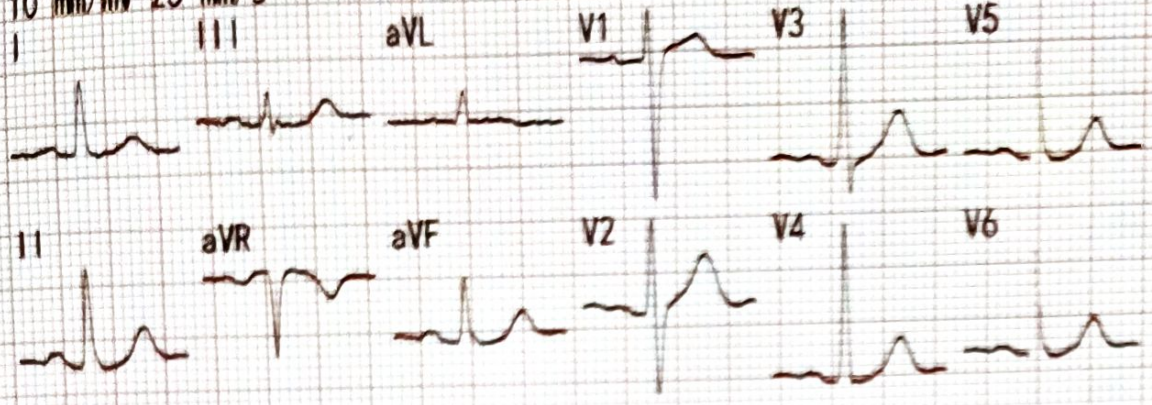
15 13:56:09

Section  
RoomID  
BedID  
AccessionNumber  
Operator

AVINASH  
Male Age: 32  
BAJARANG PAWER

HR	[bpm]	: 97
PQd	[ms]	: 171
Pd	[ms]	: 120
QRSd	[ms]	: 73
Td	[ms]	: 170
QT/QTc/QTcF	[ms]	: 319/405/373
PAx/QRSAx/TAx	[deg]	: 59.6/43.3/57.4
R(V5)/S(V1)	[mV]	: 1.11/1.27
R(V5)+S(V1)	[mV]	: 2.38

10 mm/mV 25 mm/s



<< Conclusions >>

Cardiac electric axis normal;  
Normal Sinus Rhythm;

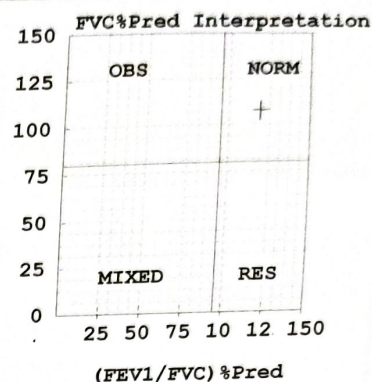
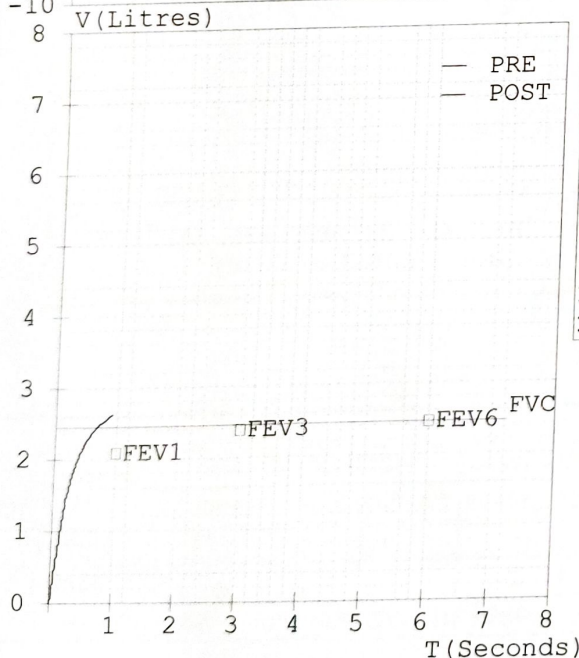
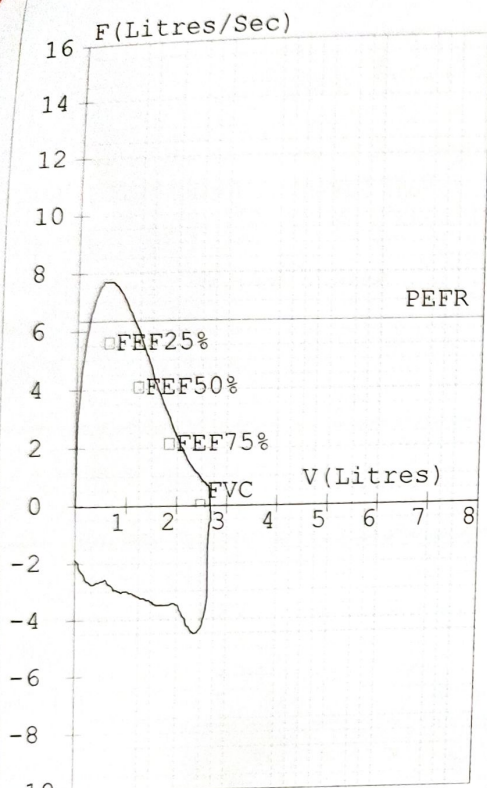
\*\*Report need physician confirm\*\*  
physician

*[Signature]*  
 DR. GAURAV TRIPATHI  
 MBBS, D.M (CARDIOLOGY)  
 REG. NO. CGMC 10638/2020



Patient: AVINASH VERMA  
 Refd. By: SHRI BAJRANG PAWER TMT  
 Pred. Eqns: RECORDERS  
 Date : 15-May-2023 09:11 PM

Age : 32 Years Gender : Male  
 Height : 169 Cms Smoker : No  
 Weight : 58 Kgs Eth. Corr: 70  
 ID: 595 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	02.46	02.66	108	-----	---	---
FEV1 (L)	02.07	02.66	129	-----	---	---
FEV1/FVC (%)	84.15	100.00	119	-----	---	---
FEF25-75 (L/s)	03.00	04.70	157	-----	---	---
PEFR (L/s)	06.34	07.64	121	-----	---	---
FIVC (L)	-----	02.93	---	-----	---	---
FEV.5 (L)	-----	02.24	---	-----	---	---
FEV3 (L)	02.38	02.66	112	-----	---	---
PIFR (L/s)	-----	04.48	---	-----	---	---
FEF75-85 (L/s)	-----	01.78	---	-----	---	---
FEF.2-1.2 (L/s)	05.17	06.96	135	-----	---	---
FEF 25% (L/s)	05.60	07.62	136	-----	---	---
FEF 50% (L/s)	04.08	05.44	133	-----	---	---
FEF 75% (L/s)	02.12	02.40	113	-----	---	---
FEV.5/FVC (%)	-----	84.21	---	-----	---	---
FEV3/FVC (%)	96.75	100.00	103	-----	---	---
FET (Sec)	-----	00.95	---	-----	---	---
ExptTime (Sec)	-----	00.07	---	-----	---	---
Lung Age (Yrs)	032	023	072	-----	---	---
FEV6 (L)	02.46	-----	---	-----	---	---
FIF25% (L/s)	-----	03.48	---	-----	---	---
FIF50% (L/s)	-----	02.99	---	-----	---	---
FIF75% (L/s)	-----	02.53	---	-----	---	---

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

*BS*

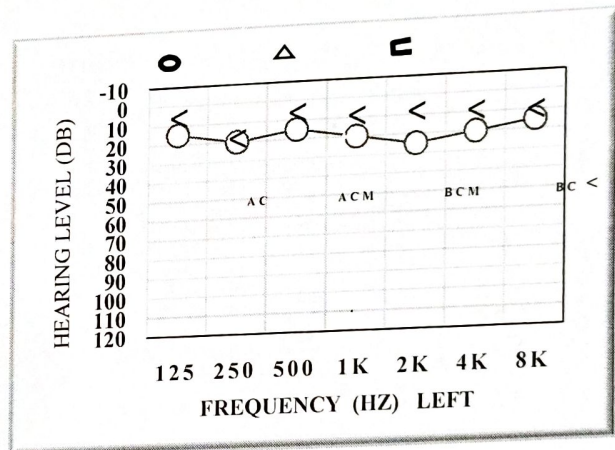
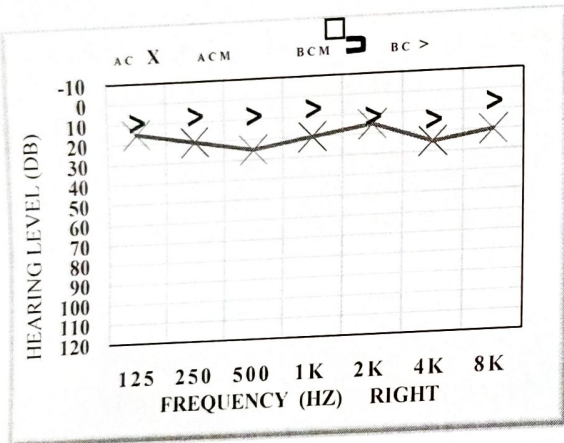
**Dr. B. B. KUMAR**  
 MBBS, MD. (Medicine)  
 Reg. No. WB 52411



# RUPRELA X-RAY AND ADVANCED DIAGNOSTIC CENTER

COM : SHRI BAJRANG PAWER TMT  
 R.D. NO. : 1  
 NAME : AVINASH VERMA  
 AGE : 32/M  
 DATE : 15/5/2023

## AUDIOGRAM



EAR	MODE	AIR CONDUCTION		BONE CONDUCTION		COLOUR CODE	THRESHHOLD IN dB	
		MASKED	UNMASKED	MASKED	UNMASKED		AIR CONDUCTION	BONE CONDUCTION
LEFT		□	x	□	>	BLUE	21	22
RIGHT		Δ	○	□	<	RED		

NO RESPONSE : ADD ↓ BELOW THE RESPECTIVE SYMBOLS

REMARK :

*Gaurav Ahluwalia*

**Dr. Gaurav Ahluwalia**  
 MBBS, DNB (ENT), FRCSI  
 Fellowship in FESS, ACLS  
 Reg. No.-CGMC 2228/2009





# Ruprela

(SINCE 1982)

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**FORM 21 (Annexure)**  
 [prescribed under Rule(19)]  
 Health Register

(in respect of persons employed in occupation declared to be dangerous operation under section 87)

**PRE-EMPLOYMENT & PERIODIC MEDICAL EXAMINATION**

Registration No : 018

Date : 15-05-2023

Name : CHOVA RAM	Age (Years): 41	Gender : Male
Nature of Employment :	Employee No. : 302124	
Date of Joining :	Last Medical Date :	
Department : FA-PRC	Designation : TAPPER	
No. of Working Year : Previous Working :	Mobile No. :	
ESIC Number :	Aadhar No. :	

**1. GENERAL EXAMINATION**

HEIGHT : 158 cm	WEIGHT : 55 Kg	BMI : 22.03
CHEST INSPIRATION : 90 cm	EXPIRATION : 94 cm	BUILT : Average
THROAT : Normal	THYROID : Note Palpabel	LYMPH NODES : Note Palpabel
TOUNGE : Normal	TEETH : Normal	GUMS : Normal
TONSILS : Normal	ADDITIONAL FINDING IF ANY : Absent	

**2. CARDIO-VASCULAR SYSTEM**

PULSE : 66/min Regular	PERIPHERAL PULSE : Felt
BP : 122/88 mmHg	MURMUR IF ANY : Absent
HEART SOUND : Normal	ADDITIONAL FINDING IF ANY : Absent

**3. RESPIRATORY SYSTEM**

SHAPE OF CHEST : Normal	CHEST MOVEMENTS : Normal
TRACHEA : Normal	BREATH SOUNDS : Normal

**4. GASTRO-INTESTINAL SYSTEM**

LIVER : Note Palpabel	SPLEEN : Note Palpabel
ANY ABDOMINAL LUMP : Absent	

**5. EXAMINATION OF EYE**

EXTERNAL EXAMINATIN SQUINT : Normal	NYSTAGMUS : Normal
COLOUR VISION : Normal	FUNDUS : Normal
INDIVIDUAL COLOUR IDENTIFICATION : Normal	
<b>DISTANT VISION (WITHOUT GLASSES)</b>	<b>NEAR VISION (WITHOUT GLASSES)</b>
RIGHT : 6/6 LEFT : 6/6	RIGHT : N/6 LEFT : N/6
<b>DISTANT VISION (WITH GLASSES)</b>	<b>NEAR VISION (WITH GLASSES)</b>
RIGHT : LEFT :	RIGHT : LEFT :

**6. EXAMINATION EAR, NOSE & THROAT : EXTERNAL EXAMINATION :- Normal**

**7. GENITO URINARY SYSTEM**

HERNIA : Absent	HYDROCELE / VERICOCELE : Absent	CRYPTORCHISISM : Absent
PHIMOSIS : Absent	VARICOSE VEIN : Absent	SIGNS OF STD : Absent
OTHER EXAMINATIN FOR FEMALES : MENSTRUAL HISTORY OBSTERIC HISTORY		
MENARCHE AT : YRS :	GRAVIDA :	PARA:
LMP :	MENSTRUL IRREGULARITY IF ANY :	

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### INVESTIGATION

#### 8. LAB INVESTIGATION :

HEMOGRAM	LIPID PROFILE	HEPATIC PROFILE
HB : 12.8 gm %	Cholesterol : 147.0 mg/dl	Bilirubin : (Total) 0.60 mg %
TLC : 9700 cmm	Tryglyceride : 120.0 mg/dl	Bilirubin (Direct) : 0.18 mg %
DLC : P 75 L 21 E 02 M 02 B 00	HDL : 38.0 mg/dl	Bilirubin (Indirect) : 0.42 mg %
RBC : 5.0 million/cmm	LDL : 85.00 mg/dl	SGOT : 21.0 IU/L
Platelet : 273 lacs/cmm	VLDL : 24.00 mg/dl	SGPT : 18.0 IU/L
ESR : 16 mm/hr	CHO:HDL :	ALK PHOS 53.0 IU/L
Blood Group : B+ RH Type : Positive		
METABOLIC	OTHER INVESTIGATION	URINE EXAMINATION
B.Sugar (F) : 82.0 mg/dl	Anti HIV 1 & 2 :	Urine Albumin : Nil
B.Sugar (PP) : 101.0 mg/dl	HBsAg :	Urine Sugar : Nil
Uric Acid : 3.8 mg/dl	Anti HCV :	Microscopy : Nil
Blood Urea : 16.0 mg/dl	Syphilis :	
SR CREAT : 0.70 mg/dl	THS :	
STOOL : mg/dl	WIDAL :	

#### 9. OTHER INVESTIGATIONS :

a. ECG (In case of any abnormality further test should be carried out.) : Normal
b. X ray chest (In normal person once in 3 years, in case of any abnormality X ray can be done at shorter intervals.) : Normal
c. Ultrasound whole abdomen (In normal person once in 3 years, in case of any abnormality X ray can be done at shorter intervals.) : Normal
d. Others :

#### 10. PULMONARY FUNCTION TESTS :

	FVC	FEC 1	FEC1/FVC
Predicted			
Measured			
% of Predicted	105	123	116

Remarks : Normal

11. AUDIOMETRY EXAMINATION : Normal

12. MEDICAL EXAMINATION OF CANTEEN STAFF :

13. Detail of other specific medical examination carried out as mentioned in the respective in the respective schedules or rule 107 of CG factories rules 1962.

Signature (with date) of factory medical officer

**Dr. Vinay Kumar Sahu**  
 Medical Officer (MBBS)  
 OHC, SBPIL (TILDA)  
 Reg. No. - C.G.M.C. 8313/2018

Signature (with date) of certifying surgeon

**DR. HARSHAD RUPRELA**  
 MBBS, DMRO, D.N.B.  
 REG. NO.: CGMC 6849/2016

RADIOLOGY

**DR. RAJESH RUPRELA**

MBBS, DMRE, FICA (USA), MRSH (LONDON)  
 Radiologist

RADIOLOGY

**DR. HARSHAD RUPRELA**

MBBS, DMRD, DNB (MUMBAI)  
 Radiologist



FACILITY AVAILABLE : • NON VASCULAR INTERVENTION • 16 SLICE CT SCAN • 3D & 4D SONOGRAPHY WITH COLOR DOPPLER  
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Name : CHOVA RAM

Report Printed ON At : 15-05-2023

Consultant : SHRI BAJRANG POWER & ISPAT LTD (TILDA) .

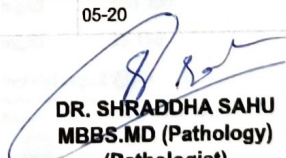
Age / Sex: 41 Y / Male

Sample Received On/ At : 15-05-2023

### Haematology

Parameter	Result	Unit	Normal Range
ABO Group	B+		
Rh Type	Positive		
Total WBC Count	9700	/cumm	4000-11000
Total RBC	5.0	10 <sup>6</sup> /μl	3.50-5.50
Haemoglobin	12.8	g/dl	12.0-16.5
Platelet Count	273	10 <sup>3</sup> /μl	150-450
Neutrophils	75	%	40-75
Lymphocytes	21	%	20-40
Eosinophils	02	%	1-6
Monocytes	02	%	1-10
Basophils	00	%	0-1
ESR	16	mm at 1hr	05-20

CHECKED BY

  
**DR. SHRADDHA SAHU**  
 MBBS, MD (Pathology)  
 (Pathologist)

**DR. SHRADDHA SAHU**

MBBS, MD, (PATHOLOGY)

REG. NO.-C.G.M.C. 6485/201

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Radiologist



## X-ray & Advanced Diagnostic Centre

(AN ISO Certified lab - certificate No. UK-RXR-0201)


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Name : CHOVA RAM  
 Report Printed ON At : 15-05-2023  
 Consultant : SHRI BAJRANG POWER & ISPAT LTD (TILDA) .

Age / Sex : 41 Y / Male  
 Sample Received On/ At : 15-05-2023

Bio Chemistry			
Parameter	Result	Unit	Normal Range
Urea	16.0	mg/dl	15-45
Serum Creatinine	0.70	mg/dl	0.6-1.4
Uric Acid	3.8	mg/dl	3.6-7.0
Bilirubin - Total	0.60	mg/dl	0.1-1.2
Bilirubin - Direct	0.18	mg/dl	0-0.3
Bilirubin - (Indirect)	0.42	mg/dl	0-0.6
SGOT(AST)	21.0	U/L	0-45
SGPT(ALT)	18.0	U/L	0-45
<b>Alkaline Phosphatase(ALP)</b>			
Alkaline Phosphatase(ALP)	53.0	U/L	41-270
Total Cholesterol	147.0	mg/dl	150-200
Triglycerides	120.0	mg/dl	35-170
HDL Cholesterol	38.0	mg/dl	35-70
VDL Cholesterol	85.00	mg/dl	Less than 100
LDL Cholestrol	24.00	mg/dl	7-35
<b>Blood Sugar Fasting</b>			
Blood Sugar	82.0	mg/dl	70-110
Blood Sugar	101.0	mg/dl	80-140

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 Radiologist



(SINCE 1982)

# Ruprela

## X-ray & Advanced Diagnostic Centre

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OPP. TAHSIL OFFICE, BEHIND BAJRANG MANDIR

G.E. ROAD KATCHERY CHOWK, RAIPUR

TEL : 0771-2234270

M : 7470889922

E-Mail : ruprelahealthcare7@gmail.com

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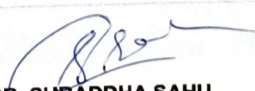
Age / Sex : 41 Y / Male

Sample Received On/ At : 15-05-2023

### CLINICAL PATHOLOGY

Parameter	Result	Unit	Normal Range
<b>URINE ROUTINE ANI</b>			
<b>Physical Examination</b>			
Colour	Pale Yellow		
Quantity	30	ml	>30
Appearance	Clear	-	Clear
Reaction	Acidic	-	Acidic
<b>Chemical Examination</b>			
Albumin	Nil	-	NIL
Sugar	Nil	%	NIL
<b>Microscopy Examination</b>			
RBC	Nil	/hpf	NIL
PUS Cells	1-2	/hpf	< 5
Epithelial Cells	1-2	/hpf	< 3
Crystals	Absent	-	Absent
Casts	Absent	-	Absent
Bacteria	Absent	-	Absent
Other (Urine)			

CHECKED BY

  
DR. SHRADDHA SAHU  
MBBS, MD (Pathology)  
(Pathologist)

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**RADIOLOGY**

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Age / Sex : 41 Y / Male

Sample Received On/ At : 15-05-2023

### EYE EXAMINATION

External Exam : Normal

Nystagmus : Normal

Colour Vision -

Fundus - (L): Normal (R): Normal

Individual Colour Identification : Normal

Distant Vision (without Glass)

Right : 6/6 Left : 6/6

(With Glass) Right : Left :

Near Vision (Without Glass)

Right : N/6 Left : N/6

(With Glass) Right : Left :

Night Blindness(Nyctalopia) : Normal

Squint : : Normal

*P.A. Devendra*  
Dr. Prashar Akshay Devendra  
M.B.B.S., M.S. (Ophthalmology)  
Reg.No.-CGMC-9288/2019

RADIOLOGY

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Radiologist

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Age / Sex: 41 Y / Male

Report Printed ON At : 15-05-2023

Sample Received On/ At : 15-05-2023

Consultant : SHRI BAJRANG POWER & ISPAT LTD (TILDA).

### X-RAY CHEST (PA) VIEW

#### OBSERVATION

- Both hilar shadows appear normal.
- Both lung fields are clear.
- Both costo phrenic angles are normal.
- Cardiothoracic ration is within normal limits.
- Trachea centrally placed.
- Soft tissue and bony cage appear normal.
- Both Hemidiaphragms are well outlined.

#### IMPRESSION

- Normal Study.

Suggest : Clinical Correlation.

DR. RAJESH RUPRELA  
MBBS,DMRE,FICA(USA), MRSH(London)

DR. HARSHAD RUPRELA  
MBBS DMRO DNB (Mumbai)

DR. HARSHAD RUPRELA  
MBBS. DMRO. D.N.B.  
REG. NO.:CGMC 6849/2016

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MBBS, DMRE, FICA (USA), MRSH (LONDON)  
Radiologist

RADIOLOGY

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Reg No : 153237  
Name : CHOVARAM302124 Sex/Age : M/41 Y  
Referred By : Dr. SHRI BAJRANG 2023

Date 15/05/2023

### USG ABDOMEN AND PELVIS

#### LIVER

: Normal in size, shape & echotexture.  
No focal or diffuse lesion seen.  
IHBRS & CBD are normal in appearance.  
Portal vein is normal in size, hepatopetal flow.

#### GALL BLADDER

: Lumen is well distended & echofree. No calculus or sludge is seen.

#### SPLEEN

: Normal in size, shape & echotexture.  
No focal lesion seen. splenic vein - normal.

#### RETROPERITONEUM

: Pancreas normal in size and echotexture.  
No retroperitoneal / paraaortic lymphadenopathy.  
Aorta and IVC normal.

#### KIDNEYS

: Both kidneys appear normal in size, shape & echotexture.  
Cortical thickness & corticomedullary differentiation normal.  
No calculus and no hydronephrosis.

#### PROSTATE

: Prostate is normal in size.  
No median lobe bulge. echotexture normal.  
No focal lesion seen. capsule is intact.

#### URINARY BLADDER

: Shows normal uniform wall thickness with smooth inner margin.

#### IMPRESSION :

- NO SONOGRAPHIC ABNORMALITY DETECTED IN CURRENT SCAN.

#### Suggest- Clinical Correlation.

**Dr. Anuradha Shukla**  
MBBS, MD RADIOLOGIST (TMH MUMBAI)

  
**Dr. Harshad Ruprela**  
MBBS, DMRD, DNB (Mumbai)

**DR. HARSHAD RUPRELA**  
MBBS. DMRO. D.N.B.  
REG. NO.: CGMC 6849/2016



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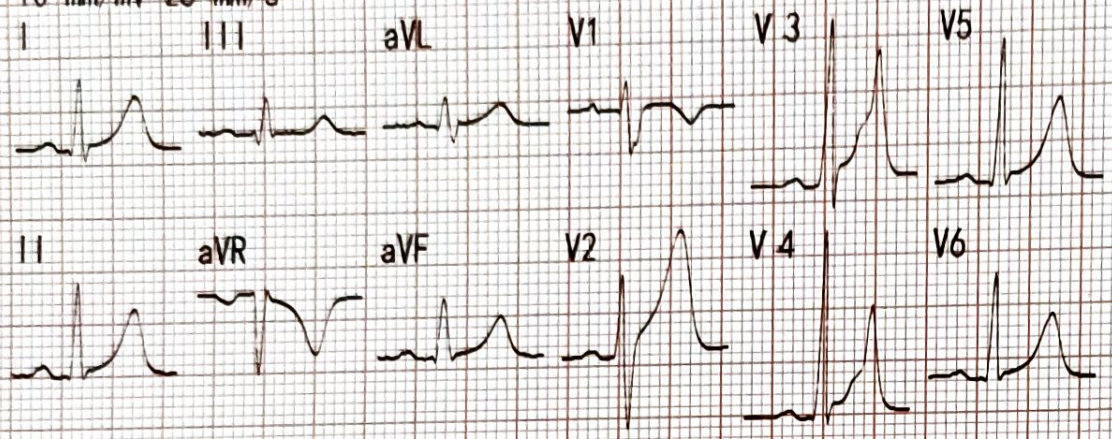
CHOVA RAM  
Male Age 41

SHREE BAJRANG P

HR	[bpm]	63
PQd	[ms]	141
Pd	[ms]	93
QRSd	[ms]	76
Td	[ms]	174
QT/QTc/QTcF	[ms]	330/336/335
PAx/QRSAx/TAx	[deg]	46.7/48.9/40.6
R(V5)/S(V1)	[mV]	1.31/0.41
R(V5)+S(V1)	[mV]	1.72

Section \_\_\_\_\_  
 RoomID \_\_\_\_\_  
 BedID \_\_\_\_\_  
 AccessionNumber: \_\_\_\_\_  
 Operator \_\_\_\_\_

10 mm/mV 25 mm/s



<< Conclusions >>  
 Cardiac electric axis normal;  
 Normal Sinus Rhythm;

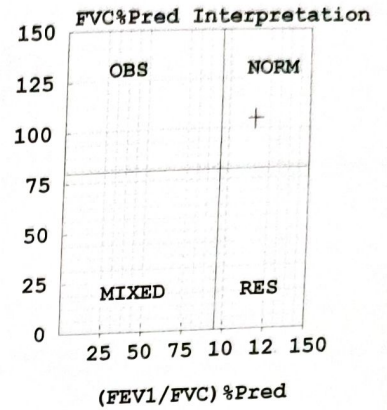
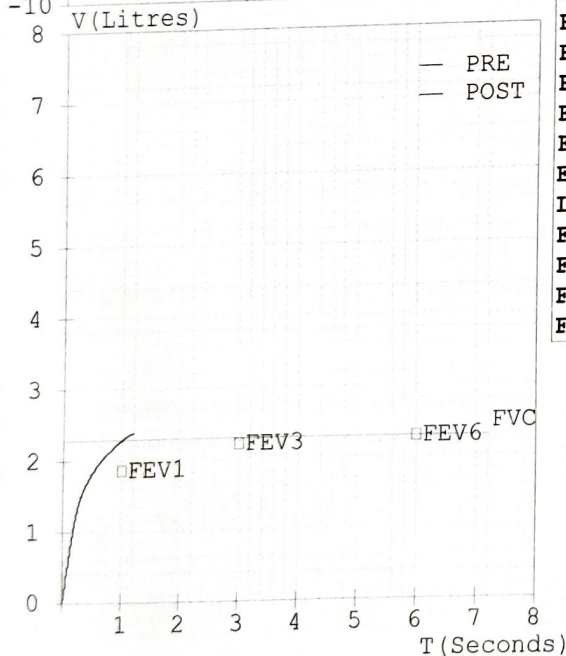
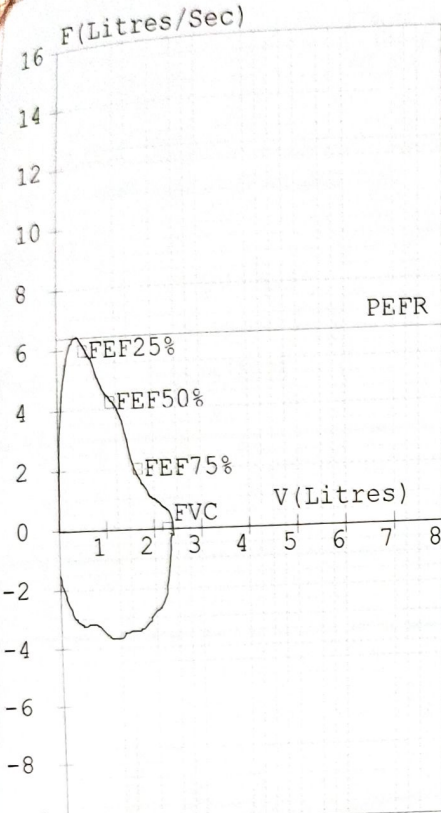
**\*\*Report need physician confirm\*\***  
 physician

*[Handwritten Signature]*  
**DR. GAURAV TRIPATHI**  
 MBBS, D.M (CARDIOLOGY)  
 REG. NO CGMC 10638/2020



By: CHOVA RAM  
 By: SHRI BAJRANG PAWER TMT  
 Recorders: SHRI BAJRANG PAWER TMT  
 Date: 15-May-2023 09:25 PM

Age : 41 Years Gender : Male  
 Height : 158 Cms Smoker : No  
 Weight : 55 Kgs Eth. Corr: 80  
 ID: 600 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	02.27	02.39	105	-----	----	----
FEV1 (L)	01.86	02.28	123	-----	----	----
FEV1/FVC (%)	81.94	95.40	116	-----	----	----
FEF25-75 (L/s)	02.93	03.26	111	-----	----	----
PEFR (L/s)	06.37	06.37	100	-----	----	----
FIVC (L)	-----	02.54	---	-----	----	----
FEV.5 (L)	-----	01.85	---	-----	----	----
FEV3 (L)	02.20	02.39	109	-----	----	----
PIFR (L/s)	-----	03.66	---	-----	----	----
FEF75-85 (L/s)	-----	01.07	---	-----	----	----
FEF.2-1.2 (L/s)	04.97	05.26	106	-----	----	----
FEF 25% (L/s)	05.95	05.99	101	-----	----	----
FEF 50% (L/s)	04.22	04.15	098	-----	----	----
FEF 75% (L/s)	02.01	01.44	072	-----	----	----
FEV.5/FVC (%)	-----	77.41	---	-----	----	----
FEV3/FVC (%)	96.92	100.00	103	-----	----	----
FET (Sec)	-----	01.26	---	-----	----	----
ExptTime (Sec)	-----	00.07	---	-----	----	----
Lung Age (Yrs)	041	032	078	-----	----	----
FEV6 (L)	02.27	-----	---	-----	----	----
FIF25% (L/s)	-----	03.40	---	-----	----	----
FIF50% (L/s)	-----	03.52	---	-----	----	----
FIF75% (L/s)	-----	03.00	---	-----	----	----

Pre Medication Report Indicates  
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

*B.D*

**Dr. B. B. KUMAR**  
 MBBS, MD (Medicine)  
 Reg. No. WB 52411

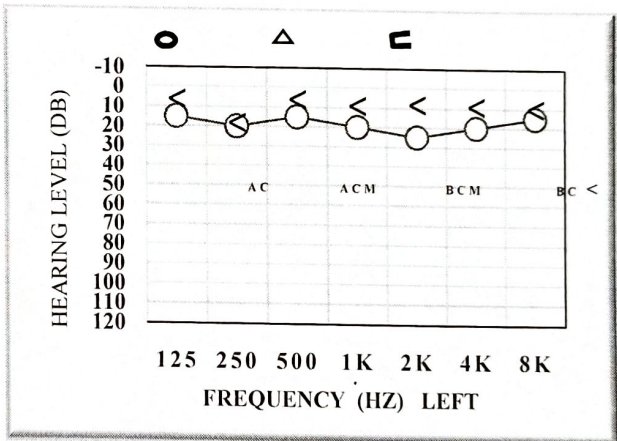
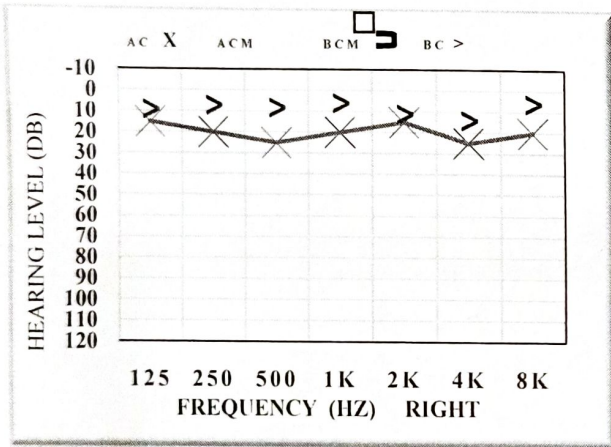


# RUPRELA X-RAY AND ADVANCED DIAGNOSTIC CENTER

COM : SHRI BAJRANG PAWER TMT

R.D. NO. : 1  
 NAME : CHOVA RAM  
 AGE : ~~26/41/M~~ 43  
 DATE : 15/5/2023

## AUDIOGRAM



EAR	MODE	AIR CONDUCTION		BONE CONDUCTION		COLOUR CODE	THRESHOLD IN dB	
		MASKED	UNMASKED	MASKED	UNMASKED		AIR CONDUCTION	LEFT
LEFT		□	×	⌋	>	BLUE	BONE CONDUCTION	20
RIGHT		△	○	⌈	<	RED	SPEECH	

NO RESPONSE : ADD ↓ BELOW THE RESPECTIVE SYMBOLS

REMARK :

*Dr. Gaurav Ahluwalia*

**Dr. Gaurav Ahluwalia**  
 MBBS, DNB (ENT), FRCSI  
 Fellowship in FESS, ACLS  
 Reg. No.-CGMC 2228/2009