Your application has been Submitted with following details			
Proposal No	J-11011/90/2011- IA II (I)		
Compliance ID	28701291		
Compliance Number(For Tracking)	EC/M/COMPLIANCE/28701291/2023		
Reporting Year	2023		
Reporting Period	01 Dec(01 Apr - 30 Sep)		
Submission Date	04-12-2023		
IRO Name	P Subramanyam		
IRO Email	agmu102@ifs.nic.in		
State	ANDHRA PRADESH		
IRO Office Address	Budgam		
Note:- SMS and E-Mail has been sent to P Subramanyam, ANDHRA PRADESH with Notification to Project Proponent.			

Half Yearly Compliance Report(Preview)

Proposal Details

Proposal No J-11011/90/2011- IA II (I) Category Industrial Projects - 3

Proposal Name $M/s.\ Grasim\ Industries\ Limited\ (Village\ Balabhadrapuram,\ Mandal\ Bikkavolu,\ District\ East\ Godavari,\ Andhra\ Pradesh)$

Plot / Survey/ Khasra No.

Entity Name as per PAN

Sub-District(s)

Entity's PAN

State MoEF File No ANDHRA PRADESH

J-11011/90/2011- IA II (I)

District Name of the Entity/ EAST?GODAVARI

Village(s)

Sridhara Narasimha Sastry

Corporate Office

Entity details mentioned above is correct?

Agree

Covering Letter

Covering Letter Click to View

Compliance Reporting Details

Reporting Year Remark(if any) 2023

NA

NA

Reporting Period

01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Date of Commencement of

2021-12-24

Project/Activity

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	72.17	99.73
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	72.17	99.73

	PRODUCTION CAPACITY							
Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	сто ід	Valid Up To	Production during last financial year	
1	Calcium Hypochlorite (65 % CI2)	Tons per Day (TPD)	30	0	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	0	
2	Chlorinated Paraffin Wax	Tons per Day (TPD)	30	30	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	3737	
3	Caustic Soda Lye (100%)	Tons per Day (TPD)	400	400	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	56501	
4	Caustic Soda Flakes	Tons per Day (TPD)	120	120	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	822	
5	Caustic Potash Lye (100%)	Tons per Day (TPD)	100	0	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	0	
6	Caustic Potash Flakes	Tons per Day (TPD)	60	0	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	0	
7	Liquid Chlorine	Tons per Day (TPD)	200	200	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	30260	
8	Hydrochloric Acid (32%)	Tons per Day (TPD)	600	600	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	19976	
9	Sodium Hypochlorite (15% Cl2)	Tons per Day (TPD)	120	120	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	8507	
10	Mono Chloro Acetic Acid	Tons per Day (TPD)	20	20	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	0	
11	Poly Aluminum Chloride	Tons per Day (TPD)	90	0	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	0	
12	Stable Bleaching Powder	Tons per Day (TPD)	50	50	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	10731	
13	Hydrogen Peroxide (100%)	Tons per Day (TPD)	30	0	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	0	

	PRODUCTION CAPACITY						
Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	сто ір	Valid Up To	Production during last financial year
14	Hydrogen Gas (Filled)	Tons per Day (TPD)	2	2	APPCB/VSP/KKD/11022/136/HO/CFO/2021	31-10-2027	133.64

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance	ce,Remarks/Reason and Supporting Documents
1	MISCELLANEOUS	No mercury cell shall be used. Manufacturing process of chlor alkali shall be based on membrane cell.	PPs Submission	Our Manufacturing process is based on Membrane cell Complied Attachment: <u>Click to View</u>
2	AIR QUALITY MONITORING AND PRESERVATION	Bag filter along with adequate stack shall be provided to rice husk/coal fired boilers boiler to control particulate emissions within 50 mg/Nm3. The waste gases shall be discharged into atmosphere through stack of adequate height as per CPCB/APPCB guidelines.	PPs Submission	we have installed Electrostatic Precipitator as an air pollution controlling device to control particulate matter to keep the particulate emission well within the prescribed limits Complied Attachment: NA
3	AIR QUALITY MONITORING AND PRESERVATION	As proposed adequate scrubbing system shall be provided to control CI2 emissions less than 15 mg/Nm3 and control HCI emissions less than 35 mg/Nm3 respectively. Online Chlorine analyser along with alarm indicator shall be installed in the chlorine stack with a minimum reading of 1 ppm and will be connected to the DCS control room. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and	PPs Submission	we have installed Tail gas towers for HCL furnace to control HCL emissions, and Water scrubber to control Cl2 emissions. We have also provided Chlorine analysers along with alar indicators which are installed with a minimum reading of 1 PPM and is connected to the DC control room. The scrubber inlet and outlet in plant parameters are metered regularly by the production lab to measure the efficiencies. Complied Attachment: Click to View
1	AIR QUALITY MONITORING AND PRESERVATION	CI2, HCI) and particulate matter from boiler and process stack shall conform to the norms prescribed by the CPCB/ APPCB from time to time.	PPs Submission	Emissions from boiler and process stacks are well within the norms of the prescribed norms Continuous stack emission monitoring system have been installed at Boiler and Process stacks. Complied Attachment: NA
		At no time, the emission levels shall go beyond the prescribed standards. The system shall be interlocked with the pollution control equipment?s so that in case of any increase in pollutants beyond permissible limits, plant should be automatically stopped. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring shall be done regularly and report shall be submitted to APPCB and the Ministry?s regional office at Bangalore.		
5	AIR QUALITY MONITORING AND PRESERVATION	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed	PPs Submission	Water sprinkling is carried out to control fugitive emissions. All our material movement is through Closed Pipelines and Closed conveyor belts Complied Attachment: NA
		storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records maintained. The emissions shall conform to the limits stipulated by the APPCB.		
6	AIR QUALITY MONITORING AND PRESERVATION	A proper Leak Detection and Repair (LDAR) Program for pesticide industry shall be prepared and implemented as per CPCB guidelines. Focus shall be given for prevention of fugitive emissions for which preventive maintenance of pumps,	PPs Submission	We have a well laid out preventive maintenance of pumps, valves, pipelines for proper leak detection and repair. Complied Attachment: NA

preventive maintenance of pumps,

		valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance schedule for each unit shall be prepared and adhered to.		
7	AIR QUALITY MONITORING AND PRESERVATION	Proper hood along with suction facility and scrubbing arrangement should be provided in the chlorine storage area. Alarm for chlorine leakage if any in the liquid chlorine storage area shall be provided along with automatic start of the scrubbing system.	PPs Submission	we have installed Suction hoods facility at chlorine storage and filling area. We also have installed chlorine sensors for alarms at chlorine handling sections. Complied Attachment: NA
8	AIR QUALITY MONITORING AND PRESERVATION	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	PPs Submission	Acoustic enclosures are provided for DG sets, Stacks are of adequate height and the emissions are well within the prescribed CPCB standards. Complied Attachment: NA
9	Statutory compliance	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the APPCB. The levels of PM10, SO2, NOX, CI2, HCI, and CO in ambient air and emissions from the stacks shall	PPs Submission	We are uploading the status of compliance of EC conditions and are being sent to RO office, MoEF&CC and SPCB. The levels of PM10, SO2, NOX, Cl2, HCl, and CO in ambient air and emissions from the stacks are being monitored and/ displayed at a convenient location near the main gate of the company and at important public place Complied Attachment: NA
10		be monitored and/ displayed at a convenient location near the main gate of the company and at important public places.		
10	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water drawl from Godavari River shall not exceed 3800 m3/day and prior permission shall be obtained from the Competent Authority.	PPs Submission	We have water withdrawal permission from APWALTA, and Our water withdrawal is within the permission Complied Attachment: NA
11	WATER QUALITY MONITORING AND PRESERVATION	Efforts shall be made to reduce the fresh water requirement by adopting 3 R?s (Reduce, Reuse and Recycle) concept	PPs Submission	Noted. 1. We have adopted state of the art Zero liquid discharge at our plant premises, the treated effluent is used back as Process water in the plant. 2. We have taken enough measures to utilize the storm water, which will be channelized to a reservoir for reutilization. 3. We have 100 % condensate recovery system for the steam generated at our plant. Complied Attachment: NA
12	WATER QUALITY MONITORING AND PRESERVATION	Industrial effluent generation shall not exceed 620 m3/day and treated in ETP. Treated effluent shall be recycled/reused within the factory premises. Treated effluent shall be collected in the guard pond. Regular water quality monitoring of guard pond shall be carried out and Water quality of treated effluent shall meet the norms prescribed by	PPs Submission	Our industrial effluent generation is not exceeding the limit prescribed.? We have installed state of the art Zero Liquid discharge at our plant premises so that the process effluent is treated and reutilized in the process.? We have 100 KLD STP for domestic wastewater treatment.? Our treated effluent is reutilized in the process, after going through Multi Effect Evaporator and ATFD. The ATFD salts are disposed through TSDF. Complied Attachment: NA
		CPCB/APPCB. Domestic wastewater shall be treated in STP. Water quality of treated effluent shall be monitored regularly.		
13	WATER QUALITY MONITORING AND PRESERVATION	No effluent shall be discharged outside the premises and ?Zero? discharge concept shall be adopted.	PPs Submission	we have installed State of the Art Zero Liquid Discharge at our plant, so that the process effluent is treated and reutilized in the process. Complied Attachment: NA
14	WATER QUALITY MONITORING AND PRESERVATION	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	PPs Submission	Process effluent is carried to ETP through closed pipelines and is stored in Effluent storage tanks. Complied Attachment: NA
15	Statutory compliance	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans- Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from APPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency. Membership of TSDF for	PPs Submission	We have obtained Authorization for Handling Hazardous waste. We also have an agreement and membership with TSDF has been obtained Complied Attachment: NA

		hazardous waste disposal shall be obtained.		
16	WASTE MANAGEMENT	As proposed, ETP sludge and process sludge shall be sent to TSDF site. High calorific value waste shall be sent to cement factory/incinerated.	PPs Submission	Sludge generated at process and ETP is disposed through TSDF Complied Attachment: NA
17	Statutory compliance	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	PPs Submission	All the transportation of Hazardous chemicals are being followed as per the motor Vehicle Act (MVA), 1989. Complied Attachment: NA
18	MISCELLANEOUS	The company shall undertake following waste minimization measures: - a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	PPs Submission	We have taken all necessary measures to minimize waste, such as a. Reuse and sale of by-product?s generated during the process. b. All the filling stations have totalizer and flowmeter for controlled flow. c. All the feed systems are close feed systems. d. Venting is carried out only after getting it treated through scrubbers. Complied Attachment: NA
19	Risk Mitigation and Disaster Management	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	PPs Submission	Entire plant premises is having adequate safety critical devices to handle fire. We have fire hydrant system all over the plant, Fire alarm system, Smoke detectors, Breathing line, and SCBA. Complied Attachment: Click to View
20	MISCELLANEOUS	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	PPs Submission	Occupational health surveillance of workers is being carried out regularly and records are being maintained as per the factories act. Complied Attachment: NA
21	GREENBELT	Green belt shall be developed in 60 acres as per the CPCB guidelines in consultation with DFO. Thick greenbelt with suitable plant species shall be developed around the proposed pesticide unit to mitigate the odour problem. Selection of plant species shall be as per the CPCB guidelines.	PPs Submission	Developed 60 Acres of greenbelt with local species meeting the requirement. Photographs of the same is annexed as an Annexure-5. Mass plantation program has been done on the occasion of World Environmental Day (June 5th2023) and World Ozone Day (September 16th 2023) with around 4000 saplings which may covers around 12 Acres. Complied Attachment: Click to View
22	PUBLIC HEARING	All the commitments made during the Public Hearing / Public Consultation meeting held on 15th February, 2012 shall be satisfactorily implemented and adequate budget provision should be made accordingly.	PPs Submission	CER activities are being Continued. Being Complied Attachment: NA
23	Corporate Environmental Responsibility	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.	PPs Submission	Enterprise Social Commitment now referred as CER is being implemented as per the attached plan Being Complied Attachment: Click to View
24	Corporate Environmental Responsibility	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non-compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	PPs Submission	Policy towards Corporate Environment responsibility is as annexed Complied Attachment: Click to View

25	MISCELLANEOUS	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe	PPs Submission	Temporary housing is provided for Construction labour within the site during the project phase. Complied Attachment: NA
		drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.		

General Conditions

Genera	neral Conditions				
Sr.No.	Condition Heading	Condition Details	Status of Compliance	e,Remarks/Reason and Supporting Documents	
1	Statutory compliance	The project authorities shall strictly adhere to the stipulations made by the AP Pollution Control Board.	PPs Submission	Noted & Agreed Being Complied Attachment: NA	
2	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed by the unit.	PPs Submission	Ambient air quality monitoring standards are met with. We are carrying out monitoring by NABL accredited third party laboratory Being Complied Attachment: NA	
3	MISCELLANEOUS	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	PPs Submission	Noted and agreed. We are applying for the proposed Expansion for which, we have applied for EC for the approval from MoEF&CC. Complied Attachment: NA	
4	AIR QUALITY MONITORING AND PRESERVATION	The locations of ambient air quality monitoring stations shall be decided in consultation with the AP Pollution Control Board (APPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	PPs Submission	Noted and complied CAAQM stations location has been decided in consultation with APPCB, they are located in 3 cardinal directions. Complied Attachment: NA	
5	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	PPs Submission	we have taken all necessary noise measures to keep the noise levels within the prescribed limits Complied Attachment: NA	
6	WATER QUALITY MONITORING AND PRESERVATION	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	PPs Submission	we are harvesting rain water, which is being channelized into a reservoir of Capacity 1 Lakh Cubic meter. The water from reservoir can be used in project to conserve fresh water Complied Attachment: NA	
7	WATER QUALITY MONITORING AND PRESERVATION	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	PPs Submission	We have constructed Dyke walls and kerb walls all around the storage tanks, so that any accidental spillages is taken care of and mixing with storm water can be avoided. Complied Attachment: NA	
8	MISCELLANEOUS	Usage of Personnel Protection Equipment?s by all employees/ workers shall be ensured.	PPs Submission	The company is issuing all necessary PPE?s which are mandatory for the employees Being Complied Attachment: NA	
9	MISCELLANEOUS	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine	PPs Submission	Prep talks and Class trainings are imparted to all employees on safety and health aspects of chemicals handling	

		periodical medical examinations for all employees shall be		Being Complied Attachment: NA
		undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.		
10	MISCELLANEOUS The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the	PPs Submission	All the feasible recommendations have been implemented in respect of Environmental management, risk mitigation measures and public hearing. Being Complied Attachment: NA	
		Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.		
11	Corporate Environmental Responsibility	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	PPs Submission	We are carrying out CSR Activities for the uplifting of nearby villages. Being Complied Attachment: NA
12	Corporate Environmental Responsibility	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	PPs Submission	We are carrying out the community welfare measures at our surrounding villages for the overall improvement of the development annexed Being Complied Attachment: Click to View
13	Statutory compliance	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	PPs Submission	Complied. Environmental management cell is already setup at our site. Complied Attachment: NA
14	MISCELLANEOUS	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and	PPs Submission	Company has sufficient funds to implement the conditions in EC, CFE and CFO. These funds are not diverted for any other purpose Complied Attachment: NA
		Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.		
15	MISCELLANEOUS	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilaparisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were	PPs Submission	Noted Complied Attachment: NA
		received while processing the proposal.		
16	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including	PPs Submission	Noted, agreed and being complied Being Complied Attachment: NA
		results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the AP Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.		
17	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat	PPs Submission	Noted, agreed and being complied Being Complied Attachment: NA
		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 clearance conditions and shall also be sent to the Bangalore Regional Offices of MoEF by email.		

18	Statutory compliance	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and	PPs Submission	Noted and complied. Complied Attachment: NA
		copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. 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 concerned Regional Office of the Ministry.		
19	Statutory compliance	The 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 start of the project.	PPs Submission	We have intimated the Regional office, MoEF & CC about the Date of start of the project. Letter of intimation is annexed Complied Attachment: Click to View

Document Upload

Last Site Visit Report (if available)

NA

Additional Attachment (if any) NA

Additional Remarks (if any)

Last Site Visit Report Date (if available)

I '<u>Sridhara Narasimha Sastry'</u> hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.



GIL/BBP/ENV/MOEF&CC/EC/426

30-11-2023

THE REGIONAL OFFICER,

Integrated Regional Office (IRO), Vijayawada, Ministry of Environment, Forest and Climate Change, Green House Complex, Gopalareddy Road, Vijayawada-520010, Andhra Pradesh.

Sub: Half-yearly Environmental Clearance Compliance Report Submission- Grasim Industries Ltd.

(Ref:

- Environmental Clearance vide F. No. J-11011/90/2011- IA II (I), Dated 22nd March, 2013.
- Transfer of Environmental Clearance vide F. No. J-11011/90/2011-IA II (I), Dated 21st November, 2019.
- 3. Extension of validity of EC till 22nd March 2023, vide F. No. J-11011/90/2011-IA II (I) Dated 18th August 2020.)

Dear Sir.

With respect to the above mentioned subject, Grasim Industries Limited (Chemical Division, BB Puram) are herewith enclosing our EC conditions compliance report for the period April 2023 - September 2023, with this letter for your information and kind record please.

Thanking you,

Yours faithfully,

For Grasim Industries Limited

(Chemical Division, BB Puram)

Sridhara Narasimha Sastry

Mobile Nos: 9977448340 (alt) 8008303882 President & Unit Head

Email : shridhara.sastry@adityabirla.com

Alt : grcd-bbp.environment@adityabirla.com

Encl.: As above

Contact Details:

Grasim Industries Limited

Chemical Division - BB Puram,

Survey No: 1 to 4, Near Kanedu Metta Road, Balabhadrapurarn Bikkavolu (M), East Godavari Dist - 533 343, Andhra Pradesh, INDIA Website: www.grasimchem.com CIN L17124MP1947PLC000410

Regd. Office: Birlamgram (P.O), Nagda, M.P. - 456 331, INDIA



STAR ANALYTICAL SERVICES (ENVIRONMENTAL TESTING LABORATORY)

Laboratory Accredited by NABL as per ISO/IEC 17025:2017

Date: 30.11.2023

To

THE REGIONAL OFFICER,

Integrated Regional Office (IRO), Vijayawada, Ministry of Environment, Forest and Climate Change, Green House Complex, Gopalareddy Road, Vijayawada-520010, Andhra Pradesh.

Respected Sir,

Subject: Grasim Industries Limited, Balabhadrapuram (V), Biccavolu (M) East Godavari District.

Submission of EC half yearly compliance reports for April 2023 to September 2023 audited through our NABL accredited laboratory.

With reference to the above, We Star Analytical Services on behalf of **Grasim Industries Limited**, submitting EC half yearly compliance reports for April 2023 to September 2023 based on the data and documents submitted by the industry during our audit process.

Thanking you,
Yours Sincerely
for Star Analytical Services

Authorized Signatory

Enclosure: EC Compliance Report



Grasim Industries Limited, Balabhadrapuram

HALF YEARLY EC Conditions Compliance Report for the period of April 2023 to September 2023.

- 1. Environmental Clearance vide F. No. J-11011/90/2011- IA II (I), Dated 22nd March, 2013.
- 2. Transfer of Environmental Clearance vide F. No. J-11011/90/2011-IA II (I), Dated 21st November, 2019.
- 3. Extension of validity of EC till 22nd March 2023, vide F. No. J-11011/90/2011-IA II (I) Dated 18th August 2020.

Prepared and Certified by:

Star Analytical Services

Plot No: 899, Flat No: 201, Vivekananda Nagar Colony, Near Sumana Hospital, Kukatpally, Hyderabad-500072

> Phone: +917095734733 E-mail: info@staranalyticalservices.co.in

2ndFloor, 18-1/1, Vengalayapalem, Guntur, Guntur District, Andhra Pradesh — 522005



S. No.	Conditions	Status of Compliance			
A. S	PECIFIC CONDITIONS:				
i	No mercury cell shall be used. Manufacturing process of chlor alkali shall be based on membrane cell.	Complied, It was observed that Manufacturing process is based on Membrane cell. Photographs of the same is annexed as an Annexure-1			
ii	Bag filter along with adequate stack shall be provided to rice husk/coal fired boilers boiler to control particulate emissions within 50 mg/Nm3. The waste gases shall be discharged into atmosphere through stack of adequate height as per CPCB/APPCB guidelines.	Complied, Proponent had installed Electrostatic Precipitator as an air pollution controlling device to control particulate matter to keep the particulate emission well within the prescribed limits. ESP and Bag filters photographs are as annexed as Annexure-2 Recent Environmental Monitoring reports are as annexed as and Annexure-3.			
		S. No. Boiler emission Limit Result July 2023 1 50 mg/Nm³ 19.0 mg/Nm³			
iii	As proposed adequate scrubbing system shall be provided to control Cl2 emissions less than 15 mg/Nm³ and control HCl emissions less than 35 mg/Nm³ respectively. Online Chlorine analyser along with alarm indicator shall be installed in the chlorine stack with a minimum reading of 1 ppm and will be connected to the DCS control room. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly.	Complied, Proponent had installed Tail gas towers for HCL furnace to control HCL emissions, and Water scrubber to control Cl ₂ emissions. Also provided Chlorine analysers along with alarm indicators which are installed with a minimum reading of 1 PPM and is connected to the DCS control room. The scrubber inlet and outlet in plant parameters are metered regularly by the production lab to measure the efficiencies. Photographs of Online Chlorine analyser connected to DCS control room are annexed as Annexure-10			
iv	The gaseous emissions (SO2, NOx, Cl2, HCl) and particulate matter from boiler and process stack shall conform to the norms prescribed by the CPCB/ APPCB from time to time. At no time, the emission levels shall go beyond the prescribed standards. The system shall be interlocked with the pollution control equipment's so that in case of any increase in pollutants beyond permissible limits, plant should be	Complied, It was observed that Emissions from boiler and process stacks are well within the norms of the prescribed norms. Proponent has installed Continuous stack emission monitoring system at Boiler and Process stacks.			



S. No.	Conditions	Status of Compliance
	automatically stopped. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring shall be done regularly and report shall be submitted to APPCB and the Ministry's	Recent Environmental Monitoring reports are as annexed as and Annexure-3 .
V	regional office at Bangalore. In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records maintained. The emissions shall conform to the limits stipulated by the APPCB.	Complied, It was observed that shed has provided in the coal yard also using closed coal conveyor in order to reduce fugitive emissions. Also in Stable Bleaching powder area bag filter has installed to reduce the fugitive emissions. Water sprinkling is also carried out to control fugitive emissions.
		Latest Fugitive emission monitoring is carried out inside the plant premises, monitoring reports is as annexed as an Annexure-3 .
vi	A proper Leak Detection and Repair (LDAR) Program for pesticide industry shall be prepared and implemented as per CPCB guidelines. Focus shall be given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance schedule for each unit shall be prepared and adhered to.	Complied. Proponent has a well laid out preventive maintenance of pumps, valves, pipelines for proper leak detection and repair.



S. No.	Conditions	Status of Compliance		
vii	Proper hood along with suction facility and scrubbing arrangement should be provided in the chlorine storage area. Alarm for chlorine leakage if any in the liquid chlorine storage area shall be provided along with automatic start of the scrubbing system.	Complied, It was observed that Suction hoods has installed in the facility at chlorine storage and filling area. Proponent also installed chlorine sensors for alarms at chlorine handling sections.		
viii	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	Complied, It was observed CPCB Approved DG Sets with Acoustic enclosures are provided, Stacks are adequate height and the emissions are well with the		
		prescribed CPCB standards. Monitoring report is annexed as Annexure-3 . Acoustic enclosures are as below.		
ix	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the APPCB. The levels of PM10, SO2, NOX, Cl2, HCl, and CO in ambient air and emissions from the stacks shall be monitored and/ displayed at a convenient location near the main gate of the company and at important public places.	Complying, It was verified proponent has uploading the status of compliance of EC conditions and are being sent to RO office, MoEF&CC and SPCB. The levels of PM10, SO2, NOX, CI2, HCl, and CO in ambient air and emissions from the stacks are being monitored and/ displayed at a convenient location near the main gate of the company and at important public places. Photograph of the same is as below.		



	GRASIM				
S. No.	Conditions	Status of Compliance			
х	Total fresh water drawl from Godavari River shall not exceed 3800 m3/day and prior permission shall be obtained from the Competent Authority.	Proponent had water withdrawal permission from APWALTA, and it was verified that water withdrawal quantities are within the limit.			
xi	Efforts shall be made to reduce the fresh water requirement by adopting 3 R's (Reduce, Reuse and Recycle) concept.	 Industry has adopted state of the art Zero liquid discharge at plant premises, the treated effluent is used back as Process water in the plant. It was observed that proponent taking enough measures to utilize the storm water, which will be channelized to a reservoir for reutilization. 			
xii	Industrial effluent generation shall not exceed 620 m³/day and treated in ETP. Treated effluent shall be recycled/reused within the factory premises. Treated effluent shall be collected in the guard pond. Regular water quality monitoring of guard pond shall be carried out and Water quality of treated effluent shall meet the norms prescribed by CPCB/APPCB. Domestic wastewater shall be treated in STP. Water quality of treated effluent shall be monitored regularly.	 Records has verified, it was observed that industrial effluent generation is not exceeding the limit prescribed. As proponent maintaining Zero Liquid Discharge System so that the process effluent is treated and reutilized in the process. For domestic waste water 100 KLD STP is running. Treated effluent is being reutilized in the process after treated in ZLD System. Fig. Integrated Water and Effluent treatment plant based on Zero liquid discharge principle.			



Fig. Sewage Treatment Plant for treatment of Sewage.



S. No.	Conditions	Status of Compliance
NO.	No effluent shall be discharged outside the premises and 'Zero' discharge concept shall be adopted.	Complied. Proponent installed State of the Art Zero Liquid Discharge plant, so that the process effluent is treated and reutilized in the process.
xiii		Fig. MEE and ATFD at ETP Plant.
	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Complied. Process effluent is carried to ETP through closed pipelines and is stored in Effluent storage tanks.
xiv		Fig. Collection pits at plant. Fig. Effluent Holding Ta The storm water is kept separately built to collect all the rain water, the rain water is collected into a reservoir for reutilization. Fig. Dedicated Storm Water channel leading to 1
XV	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary	Lakh Cubic meter holding reservoir. Complied, Proponent had obtained Authorization for Handling Hazardous waste along with CFO Order.



S. No.	Conditions	Status of Compliance				
	Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from APPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.	Also proponent had a valid agreement and membership with TSDF.				
xvi	As proposed, ETP sludge and process sludge shall be sent to TSDF site. High calorific value waste shall be sent to cement factory/incinerated.	Sludge generated at process and ETP is disposed through TSDF.				
xvii	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	All the transportation of Hazardous chemicals being followed as per the motor Vehicle (MVA), 1989.				
xviii	The company shall undertake following waste minimization measures: a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	Complied. Proponent has taken all necessary measures to minimize waste, such as a. Reuse and sale of by-product's generated during the process. b. All the filling stations have totalizer and flowmeter for controlled flow. c. All the feed systems are close feed systems. d. Venting is carried out only after getting it treated through scrubbers.				
xix	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Complied, It was observed that entire plant premises are having adequate safety critical devices to handle fire. Also had fire hydrant system all over the plant, Fire alarm system, Smoke detectors, Breathing line, and SCBA. Few of them are as annexed in Annexure-4				
xx	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied,				



S. No.	Conditions	Status of Compliance
xxi	Green belt shall be developed in 60 acres as per the CPCB guidelines in consultation with DFO. Thick greenbelt with suitable plant species shall be developed around the proposed pesticide unit to mitigate the odour problem. Selection of plant species shall be as per the CPCB guidelines.	Complied, Proponent developed 60 Acres of greenbelt with local species meeting the requirement. Photographs of the same is annexed as an Annexure-5. Mass plantation program has been done on the occasion of World Environmental Day (June 5 th 2023) and World Ozone Day (September 16 th 2023) with around 4000 saplings which may covers around 12 Acres.
xxii	All the commitments made during the Public Hearing / Public Consultation meeting held on 15th February, 2012 shall be satisfactorily implemented and adequate budget provision should be made accordingly.	Implemented. Verified the CSR activities are being Continued.
xxiii	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.	Noted and agreed. Enterprise Social Commitment now referred as CER is being implemented as per the attached plan as an Annexure- 6
xxiv	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of noncompliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	Complied. Policy towards Corporate Environment responsibility is as annexed as an Annexure-7
xxv	Provision shall be made for the housing for the 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	Complied. It was observed that temporary housing is provided for construction labour within the site during the project phase.



S. No.	Conditions	Status of Compliance
	structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	
В.	GENERAL CONDITIONS:	
i	The project authorities shall strictly adhere to the stipulations made by the AP Pollution Control Board.	Noted and agreed.
li.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed by the unit.	Noted and Agreed, It was observed that proponent has three continuous ambient air quality monitoring stations and the ambient air quality monitoring standards are met with. Also carrying out monitoring by NABL accredited third party laboratory for the same. Monitoring reports are as annexed as Annexure-3.
iii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted and agreed. It was verified that proponent has applied for Environment Clearance for proposed the expansion.
iv	The locations of ambient air quality monitoring stations shall be decided in consultation with the AP Pollution Control Board (APPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Noted and complied with. CAAQM stations location has been decided in consultation with APPCB, they are located in 3 cardinal directions. Fig. Continuous Ambient Air Quality monitoring Stations.
V	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods,	Complying, Proponent has taken all necessary noise control measures to keep the noise levels within the prescribed limits.



S. No.	Conditions	Status of Compliance
	silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Latest Environmental Monitoring reports are as annexed as and Annexure-3 .
vi	The Company shall harvest rainwater from the roof- tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Complying, Proponent is harvesting rain water, which is being channelized into a reservoir of Capacity 1 Lakh Cubic meter.
vii	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Complied, It was observed that Dyke walls and kerb walls has constructed all around the storage tanks, so that any accidental spillages is taken care of and mixing with storm water can be avoided. Photographs of the dyke walls and kerb walls are as below. HCL Tank farm
viii	Usage of Personnel Protection Equipment's by all employees/ workers shall be ensured.	Fig. Tank farm for Storage of Products Complied, The company is issuing all necessary PPE's which are mandatory for the employees.
ix	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complying. Prep talks and Class trainings are imparted to all employees on safety and health aspects of chemicals handling.



S. No.	Conditions	Status of Compliance	
х	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied. All the feasible recommendations have been implemented in respect of Environmental management, risk mitigation measures and public hearing.	
xi	The company shall undertake CSR activities and all relevant measures for improving the socioeconomic conditions of the surrounding area.	Complying. Proponent has carrying out the CSR Activities for uplifting standards of nearby villages. Few photographs of the CSR activities carried out by proponent are as annexed as an Annexure-8	
xii	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complying.	
xiii	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. Proponent has already set up the Environmental management cell in the site.	
xiv	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Complying. The company has sufficient funds to implement the conditions in EC, CFE and CFO. These funds are not diverted for any other purpose.	
xv	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilaparishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.	Noted.	
xvi	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the AP Pollution Control Board. A copy	Complying.	



S. No.	Conditions	Status of Compliance
	of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	
xvii	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat 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 clearance conditions and shall also be sent to the Bangalore Regional Offices of MoEF by e-mail.	Complying. Proponent has submitted Environment Statement Form- V.
xviii	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 SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. 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 concerned Regional Office of the Ministry.	Complied.
xix	The 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 start of the project.	Complied. Proponent has intimated the Regional office, MoEF & CC about the Date of start of the project. Letter of intimation is annexed as Annexure- 09

Caustic Production based on Membrane Cell based Technology







Fig 1. Membrane based Cell House Section



Fig2. DCS control room for carrying out remote operations for entire CAPS (Chlor Alkali products)

Air Pollution Controlling devices at Boiler



Fig 1. ESP connected to 15 TPH Steam boiler



Fig 2. Bag filter installed at Fly Ash Silo



Fig 3. Bag filter installed at Coal transfer tower.



(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/01

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD., (Chemical Division, BB Purams)

Survey No 1 to 4, Near Kanedu Metta Road.

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

AMBIENT AIR QUALITY

SOURCE OF COLLECTION

Near AAQMS-3 (North East)

DATE & TIME OF START

27-07-2023 @ 11:30hr

DURATION OF SAMPLING

24 Hours

:

DATE OF ANALYSIS

31-07-2023

ATMOSPHERE CONDITION

Clear Sky

TEST REPORT

S.No		Unit	Concentration	CPCB Standard	Method
1,	Particulate Matter – (PM ₁₀)	μg/m ³	61.7	100	IS:5182 (P-23)
2.	Particulate Matter - (PM _{2.5})	μg/m³	24.3	60	IS:5182 (P-24)
3.	Sulphur Dioxide – (SO ₂)	μg/m³	12.5	80	IS:5182 (P-2)
4.	Nitrogen Oxide - (NO2)	μg/m ³	13.6	80	IS:5182(P-6)
5.	Carbon Monoxide - (CO)	mg/m ³	0.21	2.0	IS:5182 (P-10)
6.	Ozone – (O ₃)	μg/m ³	8.1	100	IS :5182 (P-9)
7.	Lead - (Pb)	μg/m ³	< 0.01	01	IS:5182 (P-22)
8.	Ammonia – (NH ₃)	μg/m ³	< 20	400	IS:5182 (P-25)
9.	Benzene – (C ₆ H ₆)	μg/m ³	< 0.5	05	IS 5182 (P-11)
10.	Benzo (a) pyrene - (BaP)	ng/m ³	< 0.5	01	IS 5182 (P-12)
11,	Arsenic - (As)	ng/m ³	< 5.0	06	CPCB Guidelines
12.	Nickel – (Ni)	ng/m³	< 5.0	20	IS 5182 (P-26)

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)



Ref. SVELC/GIL/23-07/02

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

AMBIENT AIR QUALITY

SOURCE OF COLLECTION

Command Control Center Building Top

DATE & TIME OF START

27-07-2023 @ 12:20hr

DURATION OF SAMPLING

24 Hours

3

*

DATE OF ANALYSIS

31-07-2023

ATMOSPHERE CONDITION

Clear Sky

TEST REPORT

S.No	Parameter	Unit	Concentration	CPCB Standard	Method
1.	Particulate Matter – (PM ₁₀)	μg/m ³	65.4	100	IS:5182 (P-23)
2.	Particulate Matter - (PM _{2.5})	μg/m ³	27.0	60	IS:5182 (P-24)
3.	Sulphur Dioxide – (SO ₂)	μg/m ³	14.1	80	IS:5182 (P-2)
4.	Nitrogen Oxide - (NO ₂)	μg/m³	12.5	80	IS:5182(P-6)
5.	Carbon Monoxide - (CO)	mg/m ³	0.27	2.0	IS:5182 (P-10)
6.	Ozone – (O ₃)	μg/m ³	10.4	100	IS:5182 (P-9)
7.	Lead - (Pb)	μg/m³	< 0.01	01	IS:5182 (P-22)
8.	Ammonia - (NH ₃)	μg/m³	< 20	400	IS:5182 (P-25)
9,	Benzene - (C ₆ H ₆)	μg/m ³	< 0.5	05	IS 5182 (P-11)
10.	Benzo (a) pyrene - (BaP)	ng/m ³	< 0.5	01	IS 5182 (P-12)
11.	Arsenic - (As)	ng/m³	< 5.0	06	CPCB Guidelines
12.	Nickel - (Ni)	ng/m³	< 5.0	20	IS 5182 (P-26)

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/03

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

AMBIENT AIR QUALITY

SOURCE OF COLLECTION

Near AAQMS-2 (North West)

DATE & TIME OF START

27-07-2023 @ 11:45hr

DURATION OF SAMPLING

24 Hours

:

:

DATE OF ANALYSIS

31-07-2023

ATMOSPHERE CONDITION

Clear Sky

TEST REPORT

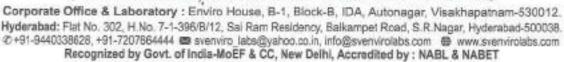
S.No		Unit	Concentration	CPCB Standard	Method
1.	Particulate Matter - (PM ₁₀)	$\mu g/m^3$	62.8	100	IS:5182 (P-23)
2.	Particulate Matter - (PM _{2.5})	μg/m ³	25.3	60	IS:5182 (P-24)
3.	Sulphur Dioxide – (SO ₂)	μg/m ³	13.6	80	IS:5182 (P-2)
4.	Nitrogen Oxide - (NO2)	μg/m ³	14.2	80	IS:5182(P-6)
5.	Carbon Monoxide - (CO)	mg/m ³	0.19	2.0	IS:5182 (P-10)
6.	Ozone – (O ₃)	μg/m ³	8.8	100	IS :5182 (P-9)
7.	Lead - (Pb)	μg/m ³	< 0.01	01	IS:5182 (P-22)
8.	Ammonia – (NH ₃)	μg/m ³	< 20	400	IS:5182 (P-25)
9.	Benzene - (C ₆ H ₆)	µg/m³	< 0.5	05	IS 5182 (P-11)
10.	Benzo (a) pyrene - (BaP)	ng/m ³	< 0.5	01	IS 5182 (P-12)
11.	Arsenic - (As)	ng/m ³	< 5.0	06	CPCB Guidelines
12,	Nickel - (Ni)	ng/m³	< 5.0	20	IS 5182 (P-26)

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/04

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

AMBIENT AIR QUALITY

SOURCE OF COLLECTION

Cell House Building Top

DATE & TIME OF START

27-07-2023 @ 12:45hr

DURATION OF SAMPLING

24 Hours

DATE OF ANALYSIS

31-07-2023

ATMOSPHERE CONDITION

Clear Sky

TEST REPORT

S.No		Unit	Concentration	CPCB Standard	Method
1.	Particulate Matter – (PM ₁₀)	μg/m ³	64.5	100	IS:5182 (P-23)
2.	Particulate Matter - (PM _{2.5})	μg/m ³	27.2	60	IS:5182 (P-24)
3.	Sulphur Dioxide – SO ₂	μg/m ³	14.4	80	IS:5182 (P-2)
4.	Nitrogen Oxide - NO2	μg/m ³	12.8	80	IS:5182(P-6)
5.	Carbon Monoxide - CO	mg/m ³	0.23	2.0	IS:5182 (P-10)
6.	Ozone – (O ₃)	$\mu g/m^3$	9.6	100	IS :5182 (P-9)
7.	Lead - (Pb)	μg/m ³	< 0.01	01	IS:5182 (P-22)
8.	Ammonia – (NH ₃)	μg/m ³	< 20	400	IS:5182 (P-25)
9.	Benzene – (C ₆ H ₆)	μg/m ³	< 0.5	05	IS 5182 (P-11)
10.	Benzo (a) pyrene - (BaP)	ng/m ³	< 0.5	01	IS 5182 (P-12)
11.	Arsenic – (As)	ng/m ³	< 5.0	06	CPCB Guidelines
12.	Nickel - (Ni)	ng/m³	< 5.0	20	IS 5182 (P-26)

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/05

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO

2000 KVA DG SET-1

DATE & TIME OF COLLECTION:

29-07-2023 @ 10:00hr

DATE & TIME OF ANALYSIS

01-08-2023 @ 10:00hr

TEST REPORT

S.No.	DESCRIPTION	UNIT	RESULT
1.	Pitot Coefficient		0.87
2.	Specific Gravity of Fluid		1.0
3.	Temperature @ DGM	0C	32
4.	Stack Temperature	9C	197
5.	Diameter of Stack		
6.	Cross Sectional Area of Stack	m m ²	0.45
7.	Flue Gas Velocity	m/sec	0.159
8.	Flow Rate	m³/hr	17.8
9.	Duration of Sampling	777	10188
10.	Fuel Used	minutes	30 HSD

EMISSION RATE

S.No.	PARAMETER	UNIT	RESULT	STANDARD	METHOD
1.	Particulate Matter - PM	mg/Nm ³	68.3	115	IS:11255-P-1
2.	Sulphur Dioxide - SO ₂	mg/Nm ³	28.5		IS:11255-P-2
3.	Oxides of Nitrogen - NOx	mg/Nm ³	63.7		IS:11255-P-7

Note: As per the above report, all the Paramters are within the standards

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(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/06

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO

2000 KVA DG SET-2

DATE & TIME OF COLLECTION:

29-07-2023 @ 10:50hr

DATE & TIME OF ANALYSIS

01-08-2023 @ 10:15hr

TEST REPORT

÷

S.No.	DESCRIPTION	UNIT	RESULT
1.	Pitot Coefficient		0.87
2.	Specific Gravity of Fluid		1.0
3.	Temperature @ DGM	⁰ C	32
4.	Stack Temperature	⁰ C	202
5.	Diameter of Stack	m	0.45
6.	Cross Sectional Area of Stack	m ²	0.159
7.	Flue Gas Velocity	m/sec	18.7
8.	Flow Rate	m³/hr	10703
9.	Duration of Sampling	minutes	
10.	Fuel Used	imitates	HSD

EMISSION RATE

S.No.	PARAMETER	UNIT	RESULT	STANDARD	METHOD
1.	Particulate Matter - PM	mg/Nm ³	69.8	115	IS:11255-P-1
2.	Sulphur Dioxide - SO ₂	mg/Nm ³	30.4		IS:11255-P-2
3.	Oxides of Nitrogen - NOx	mg/Nm ³	U-900000	-	IS:11255-P-7

Note: As per the above report, all the Paramters are within the standards

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Ref: SVELC/GIL/23-07/07

Date: 04-08-2023

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(Chemical Division, BB Puram)

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Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO

2000 KVA DG SET - 3 (VAPS AREA)

DATE & TIME OF COLLECTION:

31-07-2023 @ 11:30hr

DATE & TIME OF ANAYSIS

02-08-2023 @ 10:40hr

TEST REPORT

100

S.No.	DESCRIPTION	UNIT	RESULT
1.	Pitot Coefficient		0.87
2.	Specific Gravity of Fluid		1.0
3.	Temperature @ DGM*	°C	32
4.	Stack Temperature	°C	211
5.	Diameter of Stack	m	0.45
6.	Cross Sectional Area of Stack	m ²	0.159
7.	Flue Gas Velocity	m/sec	19.6
8.	Flow Rate	m³/hr	11219
9.	Duration of Sampling	minutes	30
10.	Fuel Used	minutes	HSD

EMISSION RATE

S.No.	PARAMETER	UNIT	RESULT	STANDARD	METHOD
1.	Particulate Matter - PM	mg/Nm ³	73.8	115	IS:11255-P-1
2.	Sulphur Dioxide - SO ₂	mg/Nm ³	36.2	77 77387	IS:11255-P-2
3.	Oxides of Nitrogen - NOx	mg/Nm ³	68.5		IS:11255-P-7

Note: As per the above report, all the Paramters are within the standards

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(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLLITION CONTROL)





Ref. SVELC/GIL/23-07/08

Date: 04-08-2023

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Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO 15 TPH BOILER

DATE & TIME OF COLLECTION:

29-07-2023 @ 11:50hr

DATE & TIME OF ANALYSIS

01-08-2023 @ 11:15hr

TEST REPORT

S.No.	DESCRIPTION	UNIT	RESULT
1.	Pitot Coefficient	-	0.87
2.	Specific Gravity of Fluid	-	1.0
3.	Temperature @ DGM	°C	32
4.	Stack Temperature	°C	141
5.	Diameter of Stack	m	1.5
6.	Cross Sectional Area of Stack	m ²	1.766
7.	Flue Gas Velocity	m/sec	4.15
8.	Flow Rate	m³/hr	26384
9.	Duration of Sampling	minutes	30
10.	Fuel Used	-	Coal

EMISSION RATE

S.No.	PARAMETER	UNIT	RESULT	STANDARD	METHOD
1.	Particulate Matter - PM	mg/Nm ³	19.0	50	IS:11255-P-1
2.	Sulphur Dioxide – SO ₂ (6% dry O ₂)	mg/Nm ³	59.2	600	IS:11255-P-2
3.	Oxides of Nitrogen - Nox (6% dry O ₂)	mg/Nm ³	45.6	300	IS:11255-P-7

Note: As per the above report, all the Paramters are within the standards

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Ref: SVELC/GIL/23-07/09

Date: 04-08-2023

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Survey No 1 to 4, Near Kanedu Metta Road,

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Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO HYPO SCRUBBER -1(VAPS)

DATE & TIME OF COLLECTION:

31-07-2023 @ 12:40hrs

DATE & TIME OF ANALYSIS

02-08-2023 @ 11:00hrs

TEST REPORT

S.No.	DESCRIPTION	UNIT	RESULT
1.	Diameter of the Stack	m	0.25
2.	C/s Area of Stack	m ²	0.049
3.	Stack Height	m	30
4.	Pitot Coefficient		0.87
5.	Specific Gravity of Fluid		1.0
6.	Temperature @ DGM	°C	33
7.	Stack Temperature	°C	39
8.	Nozzle Diameter	mm	09
9.	Exit Velocity	m/sec	
10.	Gas Quantity	m³/hr	7.03
11.	Duration of Sampling	minutes	1240 30

EMISSION RATE

S.No	Parameter	Units	Result	Standard
1.	Chlorine (Cl ₂)	mg/Nm ³	2.56	15

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Ref: SVELC/GIL/23-07/10

Date: 04-08-2023

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Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO HYPO SCRUBBER -2(VENT)

DATE & TIME OF COLLECTION:

29-07-2023 @ 12:45hrs

DATE & TIME OF ANALYSIS

01-08-2023 @ 11:30 hrs

TEST REPORT

S.No.	DESCRIPTION	UNIT	RESULT
1.	Diameter of the Stack	m	0.25
2.	C/s Area of Stack	m ²	0.049
3.	Stack Height	m	30
4.	Pitot Coefficient		0.87
5.	Specific Gravity of Fluid		1.0
6.	Temperature @ DGM	°C	33
7.	Stack Temperature	°C	35
8.	Nozzle Diameter	mm	09
9.	Exit Velocity	m/sec	6.28
10.	Gas Quantity	m³/hr	1107
11.	Duration of Sampling	minutes	30

EMISSION RATE

S.No	Parameter	Units	Result	Standard
1.	Chlorine (Cl ₂)	mg/Nm ³	2.39	15

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Ref: SVELC/GIL/23-07/11

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

DRINKING WATER

SOURCE OF COLLECTION

Drinking Water @

Near RO Plant

DATE OF COLLECTION

: 27-07-2023

.

DATE OF ANALYSIS

29-07-2023

TEST REPORT

S.No	Parameter	Unit	Result	IS 10500:2012 Specifications
1.	Odour		Agreeable	Agreeable
2.	Taste '•		Agreeable	Agreeable
3.	Turbidity	NTU	<0.01	1.0
4.	pH		7.26	6.5 - 8.5
5.	Total Dissolved Solids	mg/l	26.0	500
6,	Total Alkalinity as CaCO ₃	mg/l	18.1	200
7.	Total Hardness as CaCO3	mg/l	8.79	200
8.	Chlorides as Cl	mg/l	6.85	250
9.	Fluorides as F	mg/l	0.06	1.0
10.	Nitrates as NO-3	mg/I	<1.0	45
11.	Sulphates as SO ₄ ² ·	mg/l	3.04	200
12.	Iron as Fe	mg/l	0.02	0.3
13.	Copper as Cu	mg/l	< 0.01	0.05
14.	Zinc as Zn	mg/l	0.003	5.0
15.	Cadmium as Cd	mg/l	<0.001	0.003
16.	Lead as Pb	mg/l	< 0.01	0.01



(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)







17.	Total Arsenic as As	mg/l	< 0.01	0.01
18.	Total Chromium as Cr	mg/l	< 0.01	0.05
MICE	ROBIOLOGY:			
19.	E. coli	CFU/ 100mL	Not detected	Shall not be detected in 100 ml
20.	Fecal Coliforms	CFU/ 100mL	Not detected	Shall not be detected in 100 ml

Note: All the above parameters are tested as per APHA methods, 23rd Edition, 2017

Remarks: As per the above report, all the parameters are within IS 10500:2012 Drinking Water Specifications.

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Ref: SVELC/GIL/23-07/12

Date: 04-08-2023

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Andhra Pradesh - 533343

SAMPLE PARTICULARS

DRINKING WATER

SOURCE OF COLLECTION

Drinking Water @

Chlorine Filling Station

DATE OF COLLECTION

27-07-2023

.

:

DATE OF ANALYSIS

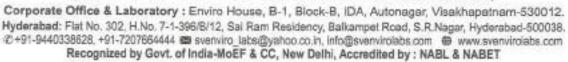
29-07-2023

TEST REPORT

S.No	Parameter	Unit	Result	IS 10500:2012 Specifications
1.	Odour	87	Agreeable	Agreeable
2.	Taste		Agreeable	Agreeable
3.	Turbidity	NTU	<0.01	1.0
4.	pH		8.24	6.5 - 8.5
5.	Total Dissolved Solids	mg/l	450	500
6.	Total Alkalinity as CaCO ₃	mg/l	246	200
7.	Total Hardness as CaCO ₃	mg/l	120	200
8.	Chlorides as Cl'	mg/l	152	250
9.	Fluorides as F	mg/l	0.52	1.0
10.	Nitrates as NO3	mg/I	<1.0	45
11.	Sulphates as SO ₄ 2-	mg/l	38.6	200
12.	Iron as Fe	mg/I	0.35	0.3
13.	Copper as Cu	mg/l	<0.01	0.05
14.	Zinc as Zn	mg/l	0.038	5.0
15.	Cadmium as Cd	mg/l	<0.001	0.003
16.	Lead as Pb	mg/l	< 0.01	0.01
17.	Total Arsenic as As	mg/l	< 0.01	0.01



(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





18.	Total Chromium as C	lr .	mg/l	< 0.01	0.05
MICE	OBIOLOGY:				
19.	E. coli	· ·	CFU/ 100mL	Not detected	Shall not be detected in 100 ml
20.	Fecal Coliforms		CFU/ 100mL	Not detected	Shall not be detected in 100 ml

Note: All the above parameters are tested as per APHA methods, 23rd Edition, 2017

Remarks: As per the above report, all the parameters are within IS 10500:2012 Drinking Water Specifications.

.

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Ref: SVELC/GIL/23-07/13

Date: 04-08-2023

NAME AND ADDRESS

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(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

GROUND WATER

SOURCE OF COLLECTION

BORE WELL - 05

DATE OF COLLECTION

27-07-2023

DATE OF ANALYSIS

29-07-2023

TEST REPORT

S.No	Parameter	Unit	Result
1.	pH		6.80
2.	Electrical Conductivity	mg/l	885
3,	Total Dissolved Solids	mg/l	538
4.	Total Hardness as CaCO3	mg/l	285
5.	Calcium as Ca	mg/l	77.6
6.	Magnesium as Mg	mg/l	22.3
7.	Carbonates as CO3	mg/l	Nil
8.	Bi-Carbonates as HCO3	mg/l	264
9.	Sodium as Na	mg/l	59.4
10.	Potassium as K	mg/l	7.08
11.	Chlorides as Cl*	mg/l	132
12.	Fluorides as F	mg/l	0.56
13.	Nitrates as NO ⁻ ₃	mg/l	6.92
14.	Sulphates as SO ₄ ² -	mg/l	36.9

Note: All the above parameters are tested as per APHA methods, 23rd Edition, 2017

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Ref: SVELC/GIL/23-07/14

Date: 04-08-2023

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SAMPLE PARTICULARS

GROUND WATER

SOURCE OF COLLECTION

BORE WELL-06

DATE OF COLLECTION

27-07-2023

DATE OF ANALYSIS

29-07-2023

TEST REPORT

S.No	Parameter	Unit	Result
1.	pH		7.23
2.	Electrical Conductivity	mg/l	1272
3.	Total Dissolved Solids	mg/l	718
4.	Total Hardness as CaCO ₃	mg/l	312
5.	Calcium as Ca	mg/l	82.9
6.	Magnesium as Mg	mg/l	25.7
7.	Carbonates as CO3	mg/l	Nil
8.	Bi-Carbonates as HCO3	mg/l	443
9.	Sodium as Na	mg/l	70.3
10.	Potassium as K	mg/l	9.45
11.	Chlorides as Cl	mg/l	160
12.	Fluorides as F	mg/l	0.59
13.	Nitrates as NO'3	mg/l	11.7
14.	Sulphates as SO ₄ ² -	mg/l	50.4

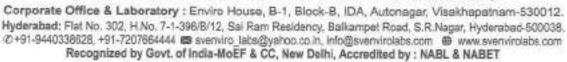
Note: All the above parameters are tested as per APHA methods, 23rd Edition, 2017

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Ref: SVELC/GIL/23-07/15

Date: 04-08-2023

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Andhra Pradesh - 533343

SAMPLE PARTICULARS

NOISE LEVELS

DATE OF SAMPLE MEASURED :

27-07-2023

TEST REPORT

S.No.	SOURCE OF COÜLECTION	2,7 0,000	e levels ed in dB(A)	METHOD	
		Day	The state of the s	METHOD	
1.	Near AAQMS -3 (North East)	68.1	62.4		
2.	Near AAQMS -2 (North West)	70.4	63.7		
3.	Near Command Control Center Building	64.8	56.3	IS:4954 – 1968	
4.	Near Cell House Building	71.6	66.5	Noise Level	
	CPCB STANDARDS	75.0	70.0		

Note: Day time shall mean from 6.00 am to 10.00 pm Night time shall mean from 10.00 pm to 6.00 am



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Ref: SVELC/GIL/23-07/16

Date: 04-08-2023

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Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

NOISE LEVELS

DATE OF SAMPLE MEASURED :

27-07-2023

TEST REPORT

20020	SOURCE OF	Noise levels me	asured in dB(A)	
S.No.	COLLECTION	Inside Enclosure	Outside Enclosure	METHOD
1.	2000 KVA DG Set -1	101	72.6	
2.	2000 KAV DG Set -2	100	71.3	IS:4954 – 1968 Noise Level
3.	2000 KVA DG Set -3	102	74.1	
	CPCB STANDARDS	5	75.0	



(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/17

Date: 04-08-2023

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Andhra Pradesh - 533343

SAMPLE PARTICULARS

EFFLUENT WATER

SOURCE OF COLLECTION

1. ETP INLET

2. ETP OUTLET

DATE OF COLLECTION

27-07-2023

:

DATE OF ANALYSIS

29-07-2023

TEST REPORT

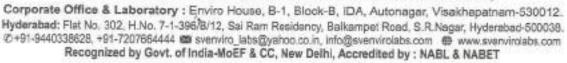
S.No.	PARAMETER	UNIT	RESULT		METHOD	PCB STANDARD
		CIVIT	ETP Inlet	ETP Outlet	FOLLOWED	STANDARD
1.	pН	22	8.36	8.04	APHA 4500-H+B, 23 rd Ed,2017	5.5 – 9.0
2.	Total Dissolved Solids - TDS	mg/I	5224	1820	APHA 2540-C, 23 rd Edition, 2017	-
3.	Total Suspended Solids - TSS	mg/l	122	51.0	APHA 2540-D, 23 rd Edition, 2017	200
4.	Chemical Oxygen Demand - COD	mg/l	64.8	32.9	APHA 5220 B, 23 rd Edition, 2017	250
5.	Bio-Chemical Oxygen Demand – BOD (3 days incubation at 27°C)	mg/l	11.0	7.0	IS 3025 P 44	100
6.	Oil & Grease	mg/l	1.4	<1,0	APHA 5520 D, 23 rd Edition, 2017	10
7.	Chlorides as Cl	mg/l	2210	49,3	APHA 4500 Cl, B 23 rd Edition	

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Ref: SVELC/GIL/23-07/18

Date: 04-08-2023

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(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

SEWAGE WATER

SOURCE OF COLLECTION

1. STP INLET

2. STP OUTLET

DATE OF COLLECTION

27-07-2023

DATE OF ANALYSIS

29-07-2023

TEST REPORT

S.No.	PARAMETER		RES	SULT	METHOD	PCB
S.NO.		UNIT	STP Inlet	STP Outlet	METHOD FOLLOWED	STANDARD
1.	pH	50 -	7.21	6.94	APHA 4500-H+B, 23 rd Ed,2017	5.5 – 9.0
2.	Total Dissolved Solids - TDS	mg/l	1326	789	APHA 2540-C, 23rd Edition, 2017	12
3.	Total Suspended Solids – TSS	mg/l	120	62.0	APHA 2540-D, 23rd Edition, 2017	100
4.	Chemical Oxygen Demand - COD	mg/l	206	30.1	APHA 5220 B, 23rd Edition, 2017	250
5.	Bio-Chemical Oxygen Demand – BOD (3 days incubation at 27°C)	mg/l	65.0	6.0	IS 3025 P 44	30
6.	Oil & Grease	mg/l	1.5	<1.0	APHA 5520 D, 23 rd Edition, 2017	10

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Ref: SVELC/GIL/23-05/19

Date: 02-06-2023

NAME AND ADDRESS

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(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO HCL FURNACE VENT - A

DATE & TIME OF COLLECTION:

29-07-2023 @ 14:00hrs

DATE & TIME OF ANALYSIS

01-08-2023 @ 11:45 hrs

TEST REPORT

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S.No.	DESCRIPTION	UNIT	RESULT
1.	Diameter of the Stack	m	0.25
2.	C/s Area of Stack	m ²	0.049
3.	Stack Height	m	30
4.	Pitot Coefficient	-	0.87
5.	Specific Gravity of Fluid		1.0
6.	Temperature @ DGM	°C	33
7.	Stack Temperature	°C	21
8.	Nozzle Diameter	mm	09
9.	Exit Velocity	m/sec	5.64
10.	Gas Quantity	m³/hr	994
11.	Duration of Sampling	minutes	30

EMISSION RATE

S.No	Parameter	Units	Result	Standard
1.	HCl Mist	mg/Nm ³	2.57	35

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-05/20

Date: 02-06-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

STACK EMISSIONS

SOURCE OF COLLECTION

STACK ATTACHED TO HCL FURNACE VENT - B

DATE & TIME OF COLLECTION:

29-07-2023 @ 14:50hrs

DATE & TIME OF ANALYSIS

01-08-2023 @ 12:00 hrs

TEST REPORT

S.No.	DESCRIPTION	UNIT	RESULT
1.	Diameter of the Stack	m	0.25
2.	C/s Area of Stack	m ²	0.049
3.	Stack Height	m	30
4.	Pitot Coefficient	-	0.87
5.	Specific Gravity of Fluid		1.0
6.	Temperature @ DGM	°C	33
7.	Stack Temperature	°C	31
8.	Nozzle Diameter	mm	09
9.	Exit Velocity	m/sec	6.08
10.	Gas Quantity	m ³ /hr	1072
11.	Duration of Sampling	minutes	30

EMISSION RATE

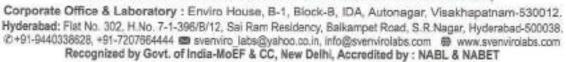
S.No	Parameter	Units	Result	Standard
1.	HCl mist	mg/Nm³	2.81	35

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)





Ref: SVELC/GIL/23-07/21

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

.

:

200

FUGITIVE AIR QUALITY

SOURCE OF COLLECTION

NEAR COAL YARD

DATE & TIME OF START

28-07-2023 @ 10:30hr

DURATION OF SAMPLING

08 hours

TEST REPORT

S.No	PARAMETER	UNIT	RESULT	STANDARD	METHOD
1.	Total Suspended Particulate Matter	μg/m³	210	10000	IS:5182 (P-4) Gravimetric

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

Corporate Office & Laboratory: Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam-530012.

Hyderabad: Flat No. 302, H.No. 7-1-396/B/12, Sai Ram Residency, Balkampet Road, S.R.Nagar, Hyderabad-500038.

∅+91-9440338628. +91-7207684444
svenviro_labs@yahoo.co.in, Info@svenvirolabs.com
Recognized by Govt. of India-MoEF & CC, New Delhi, Accredited by: NABL & NABET



Ref: SVELC/GIL/23-07/22

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

FUGITIVE AIR QUALITY

SOURCE OF COLLECTION

NEAR SBP

DATE & TIME OF START

29-07-2023 @ 11:15hr

DURATION OF SAMPLING

08 hours

TEST REPORT

S.No	PARAMETER	UNIT	RESULT	OSHA STANDARDS
1.	Total Suspended Particulate Matter	μg/m³	176	10000
2.	Chlorine	mg/m³	0.78	3.0
3.	HC1	mg/m ³	<0.1	7.0

CHECKED BY





(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

Corporate Office & Laboratory: Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam-530012.

Hyderabad: Flst No. 302, H.No. 7-1-396/B/12, Sai Ram Residency, Balkampet Roed, S.R.Nagar, Hyderabad-500038.

⊕+91-9440338628, +91-7207664444
svenviro_labs@yahoo.co.in, info@svenvirolabs.com

Recognized by Govt, of India-MoEF & CC, New Delhi, Accredited by: NABL & NABET



Ref: SVELC/GIL/23-07/23

Date: 04-08-2023

NAME AND ADDRESS

M/s. GRASIM INDUSTRIES LTD.,

(Chemical Division, BB Puram)

Survey No 1 to 4, Near Kanedu Metta Road,

Balabhadrapuram, East Godavari,

Andhra Pradesh - 533343

SAMPLE PARTICULARS

FUGITIVE AIR QUALITY

SOURCE OF COLLECTION

NEAR CELL HOUSE

DATE & TIME OF START

31-07-2023 @ 10:45hr

DURATION OF SAMPLING

08 hours

:

+

2

:

TEST REPORT

S.No	PARAMETER	UNIT	RESULT	OSHA STANDARDS
1.	Total Suspended Particulate Matter	μg/m³	132	10000
2.	Chlorine	mg/m³	0.65	3.0
3.	HCI	mg/m³	<0.01	7.0

CHECKED BY



Safety Critical Equipment's at Our Plant







Fig. 2 Chlorine Sensors



Fig. 3 SCBA

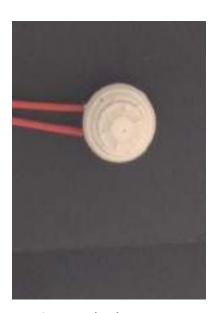


Fig.4 Smoke detectors



Fig.4 PA systems



Annexure-5

Greenbelt in and around Our Premises



Fig. Greenbelt towards plant main gate.



Fig. Greenbelt Chlorine bullets area.



Fig. Greenbelt 15 TPH boiler area.



Fig. Greenbelt at plant main gate opposite area.



Fig. Palm Garden towards North West.



Fig. Greenbelt inside the plant.



Grasim Industries Limited- Balabhadrapuram

Corporate Social Responsibility (Enterprise Social Commitment)

S No.	Activities	Budget (Cr)	Start Date	Target Completion Date	Remarks
1	Water Scheme at 2 nearby villages (Phase 1)	1.5	10-Jan- 20	15-Jan-20	Drinking water scheme at Veerampalem and Nallamilli village completed
2	Water Scheme at 2 nearby villages (Phase 2)	1.7	01-Oct- 21	01-Nov-21	Drinking water scheme at Donthamuru and Balavaram village
3	Water Scheme at 2 nearby villages (Phase 3)	1.8	01-Oct- 22	01-Nov-22	Drinking water scheme at Singampalli and Balabhadrapuram village
4	Establishment of skill development centre	1.5	01-Jan- 22	01-Apr-22	In discussion with AP Skill Development Cell
5	Water body development in open land	1.0	15-Mar- 22	15-Apr-22	
6	Tree plantation in schools and other public places	1.0	01-Jan- 23	01-Apr-23	
7	Community cultural centre	2.0	01-Jul- 23	01-Sep-23	Donthamuru and Nallamilli village
8	Development of village roads	4.0	01-Jan- 24	01-Jun-24	Roads from Balabhadrapuram to Kanedumetta
9	Women empowerment	2.0	01-Jul- 22	01-Sep-22	Sanitation and development of female washrooms
10	Establishment of primary school	4.0	01-Jan- 24	01-Aug-24	
11	Establishment of primary health centre	5.5	01-Jan- 25	01-May-25	
12	Waste segregation and organic decomposting facility	4.0	01-Jun- 25	01-Oct-25	
	Total	30.0	Being 5		Rs 600 Cr in the Greenfield oject

Grasim Industries Limited- Balabhadrapuram Corporate Social Responsibility (Enterprise Social Commitment) In the Year 2023

Activities	Villages Name	Budget (Lac)	No. of Locations	Status of work	Target date for Completion
Construction of Cultural Center	Anaparthi-Rellipeta	17.62	1	Handed over to Gram Panchayat	Completed
Construction of Cultural Center	Pandalapaka1&2	35.24	2	Handed over to Gram Panchayat	Completed
Construction of Cultural Center	Arikarevula	17.62	1	Handed over to Gram Panchayat	Completed
Construction of Cultural Center	Anaparthi V R Puram	17.62	1	Handed over to Gram Panchayat	Completed
Construction of Cultural Center	Illapalli Pakalu	17.62	1	Handed over to Gram Panchayat	Completed
Construction of Cultural Center	Vadisaleru-1, 3 & 4	52.86	3	Inauguration Completed	Completed
Construction of Cultural Center	Elakolanu	17.62	1	Inauguration Completed	Completed
Construction of Cultural Center	Rangapuram – 1 & 2	38.83	2	Ready for Inauguration	NIL
Construction of Cultural Center	Anaparthi Savaram	12.03	1	Ready for Inauguration	NIL
Construction of Cultural Center	Balavaram 1	18.2	1	Ready for Inauguration	NIL
Construction of Cultural Center	Donthamuru	70	1	Electrical,Plumbing,Doors&WindowsFixing,Painting&Tiles	Pending
Construction of Cultural Center	Balabhadrapuram -1 & 2	36.04	2	Electrical, Plumbing, Doors & Windows Fixing, Painting & Tiles	31.12.2023
Construction of Cultural Center	R S Peta	14.03	1	Plumbing, Doors & Windows Fixing, Painting & Tiles	31.12.2023
Construction of Cultural Center	Kapavaram	14.25	1	Electrical, Doors & Windows Fixing, Painting & Tiles	30.11.2023
Construction of Cultural Center	Pedapudi	17.62	1	Ready for Inauguration	NIL

Construction of Cultural Center	Pedaparthi	17.62	1	Fan & Tube light Fixing Second coat Painting	15.11.2023
Construction of Cultural Center	Pyna	15.79	1	Doors & Windows Fixing, Painting & Tiles	15.11.2023
Construction of Cultural Center	Konkuduru	19.26	1	Electrical, Plumbing, fixing Doors & Windows, Tiles Work, Painting	25.11.2023
Construction of Cultural Center	Illapalli	17.62	1	Doors & Windows Fixing, Painting & Tiles	20.11.2023
Construction of Cultural Center	Balavaram 3	18.06	1	Plastering, Brick work, Electrical, Tiles work, Painting	25.11.2023
Construction of Cultural Center	Voolapalli	24.23	1	Electrical, Plumbing, fixing Doors & Windows, Tiles Work & Painting	30.11.2023
Construction of Cultural Center	Anaparthi BPN	17.62	1	Plastering, Brick work, Electrical, Tiles work, Painting	25.11.2023
Construction of Cultural Center	Vadisaleru 2	16.51	1	Slab Work, Brick Work, Plastering, Electrical, Tiles work, Painting	10.12.2023
Construction of Cultural Center	G Mamidada 1	24.77	1	Painting & Fencing.	15.11.2023
Construction of Cultural Center	G Mamidada 2	15.34	1	Slab work, Brick Work, Plastering, Electrical, Tiles	30.11.2023
Construction of Overhead Water Tanks	Balavaram - 60 KL	40	1	Painting & Inlet Connection from Motor to Water	Pending
Construction of Overhead Water Tanks	BB Puram - 90 KL	50	1	Plastering, Bore well, Painting, Inlet Connection From Motor to Water Tank	30.11.2023
Construction of Press Club	Biccavolu	20.62	1	Completed & Inaugurated	NIL
Construction of Rest Rooms for Girls & Ground Leveling work @ Govt. High School	Biccavolu	11.12	1	Rest Rooms completed & handed over, Ground Leveling work is pending	NIL
Construction of RO Plant 1000 LPH	Komaripalem	7.45	1	Work is in progress	30.11.2023
Skill Development Center	Dontamuru	-	1	Ongoing Batch V training the village women of Dontamuru and near by villages on Tailoring Skill	



ENVIRONMENTAL POLICY

Aditya Birla Group, a global conglomerate, recognizes that effective management of environment impacts is a fundamental part of our business. We shall strive to integrate sound environmental practices across the Group's management and governance systems to minimize environmental impacts and attain a leadership position in environmental stewardship.

Every Aditya Birla Group Company shall endeavour to:

- Maintain positive legal compliance to environmental regulations and conform to the requirements of Aditya Birla Group Sustainability Framework;
- Progressively develop, implement and maintain an internationally accepted environmental management system in our operations and new projects;
- Take initiatives towards efficient use of natural resources and energy; reduction and prevention of pollution; and promoting waste avoidance and recycling measures in line with internationally disseminated technologies and practices;
- Enhance environmental awareness through participation and consultation with employees and contractors by training and effective channels of communication;
- Engage with internal and external stakeholders and wider communities to broaden our understanding of environmental priorities, their links to global issues and initiate actions on key environmental challenges;
- Influence our contractors and suppliers to adopt the Aditya Birla Group environmental policies, principles and practices and encourage appropriate environmental management across the supply and value chain;
- Continually improve environmental performance of current and future products, services and infrastructure of the Aditya Birla Group's Companies; and
- Monitor, measure, report the progress, performance of environmental conservation and management initiatives in compliance with internationally recognized protocols and communicate approach and achievements to relevant stakeholders.

Each Aditya Birla Group Company shall sign up to this policy or develop an equivalent that shall be implemented throughout its operations.

This policy will be reviewed periodically for its suitability and updated as necessary.

Date: 18th August 2016

ABG/SUST/POL/01

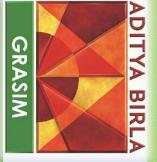
Version: V-3

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Mrs. Rajashree Birla, Chairperson

Aditya Birla Centre for Community Initiatives and Rural Development



CSR @ Aditya Birla Group

development of the communities in which we To actively contribute to the social and economic

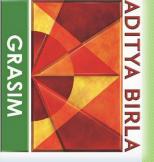
country's human development index. the weaker sections of society and raise the In doing so, build a better, sustainable way of life for

OUR FOCUS CSR AREAS

- **∀** GIRL CHILD & WOMEN EMPOWERMENT
- > DRINKING WATER & SANITATION
- > SUSTAINABLE DEVELOPMENT & LIVELIHOOD
- > RURAL INFRASTRUCTURE DEVELOPMENT
- ENVIRONMENT DEVELOPMENT

GRASIM INDUSTRIES LIMITED, BALABHADRAPURAM, EAST GODAVARI

Journey An Aditya Birla's Grasim Initiation under CSR



Grasim In East Godavari So Far

Skill Development Tailoring Workshop for Women in Donthamuru Village

DRINKING WATER

Bhoomi Pooja Performed for constructing 90KL Water Tank at Balabhadrapuram Village 60KL Water Tank under Construction at Balavaram Village 90KL Water Tank under construction at Dontamuru Village 500 LPH Drinking water Purification Plant with Chiller at Nallamilli village 1000 LPH Drinking water Purification Plant with Chiller at Veerampalem Village

COVID PREVENTIVE MEASURES

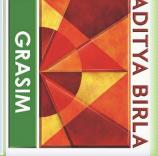
We donated more than 2.5 Tons of High Strength Bleach during severe Wave @ MAMIDADA to the collectors office. In Second wave we have organised for 3 months already IN First wave for 8 months twice a week we Sanitised 14 Villages in our vicinity as COVID fighting measure.

Greenery,
Airport
Beautification &
Maintenance

Landscaping done at Rajahmundry Airport also responsible for its Maintenance Greenery development at Primary Health Center, Biccavolu

An Aditya Birla's Grasim Initiation under CSR

Journey (continued....)



Grasim In East Godavari So Far

ıfra omen

office Biccavolu Infra Development done at the Govt. Office at DCL Office Kakinada, Sachivalayam Balabhadrapuram and MRO

Self Sustenance

One of the Barber from Nallamilli village is provided Basic Infra and amenities for his sustenance.

- 1. Water dispensers to Govt. Offices
- Refurbishment at Fire Centre @ Anaparthi
- 3.MRO Office Complete Refurbishment @ Biccavolu
- 4. Amenities at PHC Biccavolu

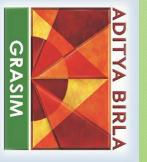
Services

Community

- 5. Building Recreation and Sports Infrastructure at Govt. School, BB Puram
- 6.Roads are been repaired at BB Puram Bridge for all Public & Villagers and contributed for road repairs at Kanedu Metta
- Contribution towards the AP CM Cup District level Sports at G Mamidada
- 9. High Neck Chair given to MRO Office at Biccavolu
- 10. Site Grading Works for AP Govt. BB Puram
- 11. Constructing Community Centers at Nallamilli, Balavaram & Balabhadrapuram Villages

Aditya Kausalya Mahila Vikasa Kendram @

Donthamuru



Details

sustained source of income on tailoring, embroidery, and fashion .. Skill Development Centre - to impart training 6 Batches Graduation ceremony is done To make women empowered and to have self

Fixed Cost Rs.5 lacs Rs.0.50 lakhs & monthly recurring

Cost

Beneficiaries 1080 Female Literacy

14th June 2021 (On Going batch 7)

Date







1st Batch Graduation Ceremony @ Kausalya Mahila

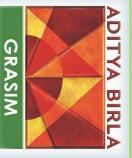


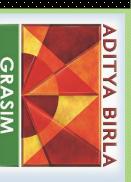


2nd Batch Graduation Ceremony @ Kausalya Mahila









3rd Batch Tailoring Test Conducted@ Kausalya Mahila Vikasa Kendram



Details

conducted for Batch III which includes both Skill Development Centre - Tailoring Test Balavaram & Dontamuru.

Rs.0.70 lakhs

Cost

Beneficiaries 30 Female Literacy

Date

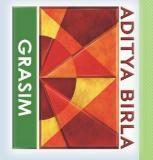
09th November 2022



3rd Batch Graduation Ceremony @ Kausalya Mahila



4th Batch Tailoring Test Conducted® Kausalya Mahila Vikasa Kendram



Details

Skill Development Centre - Tailoring Test conducted for Batch IV which includes both Balavaram & Dontamuru.

Ongoing at present Batch V

Cost

Rs.0.70 lakhs

Beneficiaries 30 Female Literacy

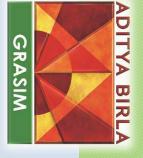
23rd June 2023

Date





Youth Empowerment - Driving Course @ Govt | T College Kakinada



Villages/Community provided driving classes at Govt ITI college, Kakinada area from external agency with extra practical classes at our plant for near by villages from LLR to License which is a certification of 25 days course Skill Development Centre - To empower Men nearby

Details



Rs.1.4 lakhs

Cost

Beneficiaries 10 Male Youth

Date

13th February 2023-











Building Recreation and Sports Infrastructure

School Name of the

Government High School, Balabhadrapuram

Rs. 0.85 lac (Sports Kit: Rs 0.25 & Plac A System: Rs. 0.60 lac)

total Strength in School about 400 Students. emergency messages to all Students in the PA System can be used to broadcast of Volley Ball, Foot Ball, Cricket etc. The neighbourhood of Balabhadrapuram Games Provided Sports kit to Govt. School in

Description:







Date Beneficiaries 400 Students

02nd August 2020

RO Plant @ Nallamilli Village



Details

500 Liters per Hour Purified drinking water plant along with Chiller at Nallamilli Village. Issued smart Cards to all the families of Village for collecting water.

Rs. 45 lakhs

Cost

Beneficiaries

500 families

2

Date

26th April 2021







RO Plant @ Veerampalem Village



1000 Liters per Hour Purified drinking water plant along with Chiller at P.Veerampalem Village. families of Village for collecting Issued smart Cards to all the

Details

Rs. 50 lakhs

Cost

1000 families

Beneficiaries

24th April 2021

Date





Construction of Water Tank @ Dontamuru



Description:

Constructed 90,000 Liters capacity over head tank for supplying water to the entire village of Dontamuru Which was inaugurated by Local Anaparthy MLA on 18th of Nov 22 and handed over to Village Panchayat.

Cost Approximately Rs. 75 lacs

1500 families

Beneficiaries:

29th Oct 2021- 18th Nov 2022(Closed)

Date:



Balavaram Construction of Water Tank is in Progress @



Description:

Constructing 60,000 Liters capacity over head tank for supplying water to the entire village of Balavaram (Completed 70% of the work)

Approximately Rs. 70 Lacs

Cost

1000 families

Beneficiaries:

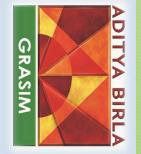
04th March 2022

Date:





Balabhadrapuram Construction of Water Tank is in Progress @



Description:

Constructing 90,000 Liters capacity over head tank for supplying water to the entire village of

Balabhadrapuram

Approximately Rs. 45 lacs

Cost

1600 families

Beneficiaries:

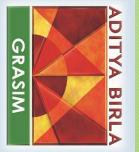
21st March 2022







COVID Preventive Measures



HIGH STRENGTH BLEACHING POWDER DISTRIBUTION (RENSA

LOCATION

DISTRUBUTED AS ON APR **CUMULATIVE QUANTITY**

REMARKS

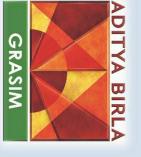
BICCAYOLO				LOCATION
500 KG			1000 KG	DISTRUBUTED
				2020
Date: 02 nd April, 2020	VILLAGE REPRESENTATIVES: MANDAL EOPRD : Mrs Bhavani PANCHAYAT SECRATARY: Shri. Satyanarayana Re	GRASIMTEAM: Bhanuprakash Reddy, Nagaraju	Date: 28 th March, 2020	KEMAKKU

Highlighted in Local News paper, Handed Over to Mrs. Bhavani (E.O.PRD) for entire E.G Dist requirements.

GRASIM TEAM: MURALI.M, Nagaraju



Chemical Disinfectant Anti COVID Spray @ Villages



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No. of Villages covered

Radius of ZONES covered from Grasim

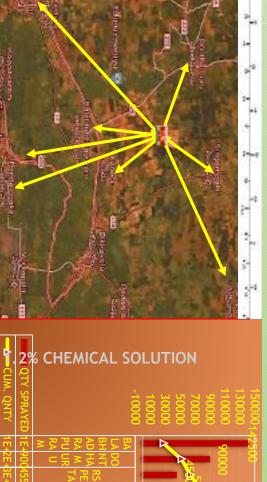
Types of Chemical

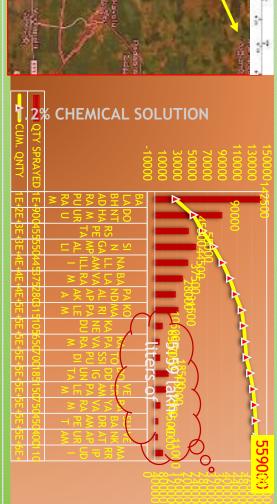
Quantity of Disinfectant solution (1.2% of HSBP:)

12 Villages

12.5 km radius from Plant

HIGH STRENGTH BLEACHING POWDER (RENSA) 1.2% SOLUTION CALCIUM HYPOCHLORITE - Ca(ClO)2





Villages Sanitization:





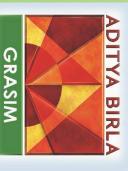














DATE: 06.06.2020

PROVIDED TRACTOR SPRAYERS AND SPRAYING PERSONS FOR 4 DAYS AFFECTED CORONA VIRUS.AS OUR SOCIAL RESPONSIBILITY WE TO G.MAMIDADA VILLAGE SANITIZATION PURPOSE OUR NEARBY MANDAL VILLAGE "G.MAMIDADA" IS SEVERELY

WEDNESDAY	MONDAY	SUNDAY	SATURDAY	DAY
03/06/2020	01/06/2020	31/5/2020	30/5/2020	DATE
-1	<u> </u>		2	NO. OF TRACTOR SPRAYERS
2	2	_	4	NO. OF SPRAYING PERSONS

CERTIFICATE

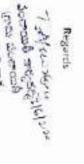
Date: 03-05-2020

G.Marsidada

G. Warnidad village purpose M/S Grasum industries Ltd, Bahaadhrapuram arranged tractor sprayers and spraying persons in the following days This is Certified that due to pandomic covid-19 spreading in

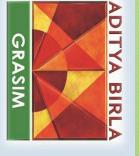
*	-	N	+	SNO
WEDGEREAM	MONDAY	SUNDAY	SATURDAY	, R
0502/90/20	07/08/50/0	31/05/2020	0302755700	нан
		4		NO DETENCTION
2	2	1		NOCH TRACTOR NO DEPONDED





四 精行司司

Basic Amenities Support - Govt. Departments



Description:

Beneficiaries will be 3000 villagers. Cold) with costing Rs..32 Lacs & total Refrigerated R.O water dispensers (Hot &

- Locations:
- 2. MRO Office 3. BB Puram

1. Bikkavolu Police Station (08-04-2021)

4. VRO Office & Panchayat Office

Beneficiaries:

01st June 2020

Date:

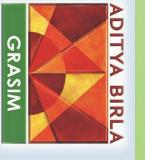
Rs. 2Lacs

Cost

All Staff members



Road Construction & Repairs @ BB Puram &



BB Puram Bridge Work

Kanedu Metta

Road Bridge

Balabhadrapuram

Road Bridge construction at Balabhadrapuram Village & contributed for Kanedu Metta Road Repairs

Total Rs. 19 Lacs

Cost:

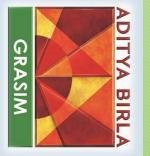
BB Puram Bridge construction Rs. 14 Lacs Kanedu Metta road: Rs. 5 Lacs

Beneficiaries: All Public

Date: 12th Oct 2021 (BB Puram Bridge)
03rd Nov 2021 (Kanedu Metta Road)



Greenery Development - PHC Biccavolu



Greenery development at Primary

Description:

Health Center Biccavolu

Rs. 1.25 Lacs

Cost:

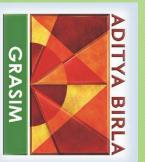
All Public

Beneficiaries:

24th Sept, 2021



Greenery Development - Rajahmundry Airport



Description:

Greenery development at Rajahmundry Airport and its Maintained by us.

Cost:

Rs. 35 Lacs + Monthly Maintenance of Rs. 55 Thousand

Beneficiaries: All Public

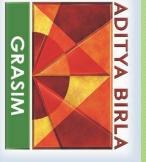
15th June 2020 (On Going)







Infra Developments @ Govt Offices



 IT Infra Development at DCL Office Kakinada

2. Sachivalayam Balabhadrapuram and MRO Office Biccavolu

Description:

Infra Development at MRO Office , Bikkavolu

Rs. 2 Lacs

Cost:

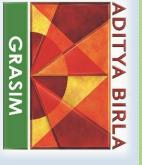
Beneficiaries: Office Staff

26th Jan 2022 (DCL , KKD) 4th Feb 2022 (Sachivalayam, BBPuram) 08 Feb 2022 (MRO Office, Bikkavolu)





Infra Developments @ Govt Offices



Description: 1. Infra Development at MRO Office , Bikkavolu

Rs. 0.62 Lacs

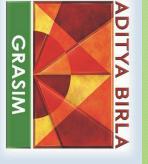
Cost:

Beneficiaries: Office Staff

01st Oct 2022 (MRO Office, Bikkavolu)



Department, Rajahmundry Infra Developments @ Govt. Office Ground Water



Description:

1. Infra Development at Ground water Department, Rajahmundry

Cost:

Rs. 0. 60 Lacs

Beneficiaries:

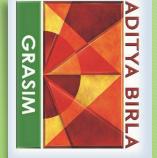
Office Staff

Date:

26th April 2023



Bikkavolu Infra Developments @ Govt Office Police Station,



Description:

1. Infra Development at Police station, Bikkavolu

Rs. 0. Lacs

Cost:

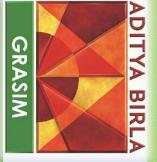
Beneficiaries:

Office Staff





Self Sustenance



a chair and Roof Sheeting to one of the needy villager as a part of self-development initiation at Nallamilli village. For setting up of saloon shop we have donated

Description:

Rs. 0.25 lac

Cost

Beneficiaries:

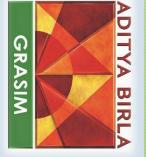
Self & family members

Date:

30th June 2021



Infra Developments @ Employment Exchange Department, Kakinada



Description:

Exchange Department office, Kakinada 1. Infra Development at Employement

Rs. 0.98 Lacs

Cost:

Beneficiaries:

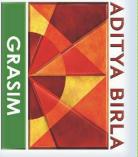
Office Staff

Date:

06th February 2023



Solar Signal Lights installed @ Balabhadrapuram



Description: both sides of the Road heading to Plant for Public 1. Solar Signal Lights installed at Balabhadrapuram on

Rs. 0.57 Lacs

Cost:

Beneficiaries: General Public





Community Hall @ Nallamilli (1), Dontamuru (1), Balavaram (1), Balabhadrapuram (2),



As requested by the Villagers for them to have a single gathering point and for any functions to be used Planning for Balavaram & Balabhadrapuram Village as well

Community Hall work is completed at Nalamilli village and it is inauguration.

Construction work is in progress at Dontamuru Village

Cost: 20 Lacs

Description:

Beneficiaries: All Villagers

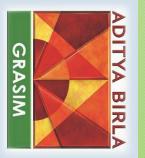
Bhoomi Pooja: On 21st Feb 2022 (Nallamilli), On 04th Mar 2022 (Balavaram & Donthamuru), On 21st Mar 2022 (Balabhadrapuram)







Community Hall @ Nallamilli



be used which was inaugurated on 18th Nov 2022 by Local Anaparthy MLA and handed over to the As requested by the Villagers for them to have a single gathering point and for any functions to village Panchayat.

25 Lacs

Cost:

Description:

Beneficiaries:

Date:

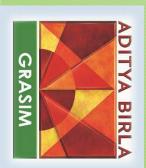
All Villagers

21st Feb 2022 - 18th November 2022(Closed)





Cultural Centers Constructions @ 30 different locations with in District



As requested by the all villagers around almost 30 cultural centers are under construction under the developmental works, Bhoomi Pooja performed in all the locations, work is under progress

360.1 Lacs (approx.)

Cost:

Description:

Beneficiaries:

Date:

Started works in the month of January 2023, under progress all locations











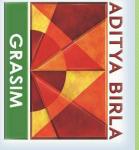








Cultural Centre @ Anaparthi-Rellipeta



Description:

As requested by the Villagers for them to have a single gathering point and for any functions to be used which was inaugurated on 12th Sep 2023 by Local Anaparthy MLA and handed over to the village Panchayat.

17.62 Lacs

Cost:

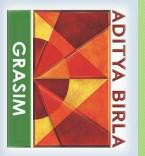
Beneficiaries:

All Villagers

12th September 2023(Closed)



Cultural Centre @ Pandalapaka 1 & 2



Description:

gathering point and for any functions to be used which MLA and handed over to the village Panchayat. was inaugurated on 13th Sep 2023 by Local Anaparthy As requested by the Villagers for them to have a single



Beneficiaries:

Cost:

35.24 Lacs

All Villagers

Date:

13th September 2023(Closed)

Cultural Centre @ Arikarevula



Description:

gathering point and for any functions to be used which was inaugurated on 13th Sep 2023 by Local Anaparthy MLA and handed over to the village Panchayat. As requested by the Villagers for them to have a single

17.62 Lacs

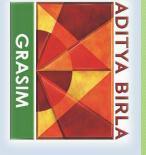
Cost:

Beneficiaries: All Villagers

13th September 2023(Closed)



Bikkavolu Construction of Toilets Block at Govt. School,



Constructing Toilet Block for students at Govt. School Biccavolu and Ground Leveling work done at School Ground.

11.12 Lacs

10th June 2023 (Closed)

250 Students

Date:

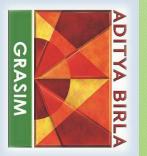
Beneficiaries:

Cost:

Description:



Press Club@ Bikkavolu Village



Description:

As requested by the Anaparthy MLA they want to have a proper Office place for Staff & public Assistance, which was inaugurated on 13th Sep 2023 by Local Anaparthy MLA and handed over to the village Gram Panchayat.



Cost:

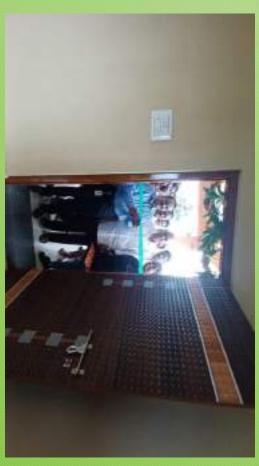
20.62 Lacs

Beneficiaries:

All Villagers

Date:

13th September 2023(Closed)



Cultural Centre @ Anaparthy VR Puram



Description:

As requested by the Villagers for them to have a single gathering point and for any functions to be used which was inaugurated on 12th Sep 23 by Local Anaparthy MLA and handed over to the village Panchayat.

17.62 Lacs

Cost:

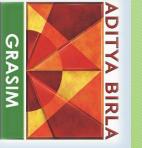
Beneficiaries:

All Villagers

12th September 2023(Closed)



Cultural Centre @ Illapalli Pakalu



Description:

As requested by the Villagers for them to have a single gathering point and for any functions to be used which was inaugurated on 12th Sep 2023 by Local Anaparthy MLA and handed over to the village Gram Panchayat.

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17.62 Lacs

Cost:

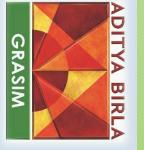
Beneficiaries:

All Villagers

12th September 2023(Closed)



Cultural Centre @ Elakolanu



Description:

As requested by the Villagers for them to have a single gathering point and for any functions to be used which was inaugurated on 1......2023 by Local Anaparthy MLA and handed over to the village Panchayat.

17.62 Lacs

Cost:

Beneficiaries:

All Villagers

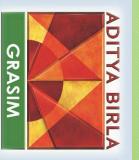
30th October 2023(Closed)

Date:

October 2023(Closed)



Cultural Centre @ Vadisaleru 1,3 & 4(3 Locations)



Description:

gathering point and for any functions to be used which Anaparthy MLA and handed over to the village Panchayat. was inaugurated on 12th September 2023 by Local As requested by the Villagers for them to have a single















All Villagers

Beneficiaries:

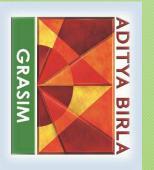
Cost:

52.86 Lacs

Date:

30th October 2023(Closed)

people at Amalapuram Contribution towards the Floods effected



Description: Contribution towards the floods effected people at Amalapuram village through DIC Rajahmundry where we have supplied water bottles, Namkins, Biscuits for 5000 Members.

Cost: 1 Lac

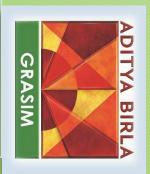
Beneficiaries: 5000 People

iencianes.

Date: 17th Jul 2022



Bharat Abhiyaan (PMTBMBA) - Nikshay Mitra Contribution towards Pradhan Mantri TB Mukta



of Hon'ble Home Minister Smt. Taneti Vanita today (28.11.22). programme held at Collectorate, Grasim has handed over a cheque of Rs.4,45,000/- to the District Collector through the hands months under "Pradhanamantri TB Muft Bharat Abhiyan - Nikshay Mitra" programme being implemented in the State. In a We have adopted 104 TB patients from Anaparthi TB Unit of East Godavari District, to provide nutritious food for a period of six

Cost: 4.45 La

Description:

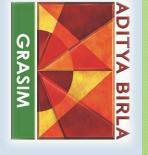
Beneficiaries: 104 People

28th November 2022 - 27th April 2023





SBP distribution to the Anaparthy Constituency



Distributed 21 tones of Stable Bleaching powder to the Anaparthy Constituency (4 Mandals Rangampeta, Bikkavolu, Anaparthy, Pedapudi) under sanitization purpose

Cost: 2.09 Lac

Description:

Beneficiaries: 76 Villages

26th May 2022



Lighting at Rajahmundry Airport during AKAM



Description: Contributed towards the celebrations of Azadi Ka Amrit Mahotsav for lighting at Rajahmundry Airport

0.40 Lac

Cost:

Beneficiaries: All Public

13th to 15th August 2022



at Rajahmundry Airport Further Greenery Development & maintenance



Description: towards the Garden and upgradation of Airport. New Agreement Made between with Rajahmundry Airport Team for further development & maintenance

40 Lac

Cost:

Beneficiaries: All Public

01st Oct, 2022

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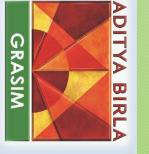
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Extended Support during Pandemic @ Primary Health Centre, Biccavolu



Health Cer

Description: Medic Masks

Medical Surgical Gloves, Hand Sanitizers, Nose Masks

Rs. 0.15 lac

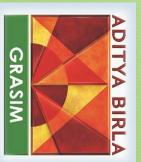
Cost:

Beneficiaries: Medical Staff

April & May 2021



AP CM CUP - District Level Sports Ceremony



© G Mamidada Description:

G.Mamidada Village - district Level across East Ball & Volley Ball Tournament conducted at Godavari. Contribution towards sports Ceremony of the Basket

ಿದಾವಲ

13 කාල 2022 | පටසුරුදා

Rs. 3 lac

Cost:

Beneficiaries: College Students 960

the great the same selling and address red సీఎం కప్ జిల్లా స్థాయి వాల్బుల్, బాస్కెట్క్రల్ పౌకటీలు ప్రారంభంచిన ఎమ్మెల్య్ තරන්නේ සුන් කිලේස ද වැරි නියා මෙම නැතු මදාගෙ පැතිපත්, පාට්ල්ලාල ලා පැතිපත කරන්න්ගේත කිකුල්ල පැතුරි මනු මහත්ලපත්තයක්ව ಲೊರಲಾಗುತ್ತದೆ ಜಾರ್ಥಿನ ನಿರಾಹ್ಸ್ ಅಪ್ಪನ್ನೆರಿಂದಾರು. (ನಿರಾಹಧಾರ ನಿಂ COUNTY AMERICAN ASSESS (PROGUES) BY THE

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Date:

12th & 13th March 2022



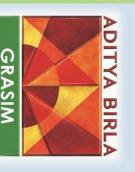


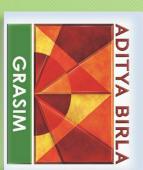






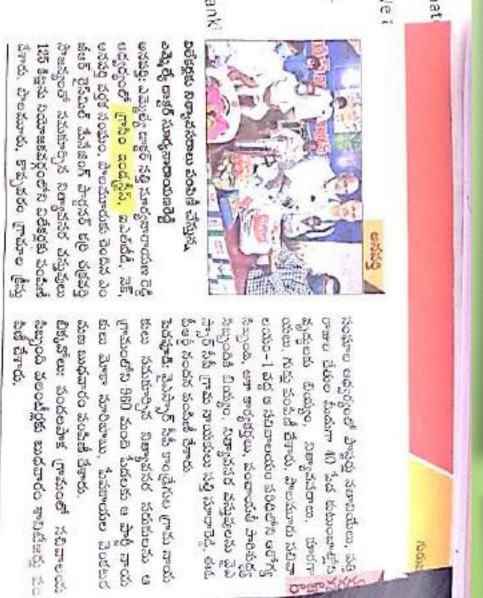






We participated in a program jointly with ITC, KPR Group and other companies in the vicinity to provide some rations and help to the local citizen journalists about 125 numbers who are out of assignments.









බරාපා ජන-40 පළිපණි බමුල කර නාංකිරීස් පරණනු අව గాసీమ్ ఇండస్టోస్ సీఎస్ఆర్ రంగం పట: బీరంపాలెంలో

ఎమ్మెల్యే పాల్గాని వారికి బియ్యం, చీరలు ఆందించారు. ఆ ట్రస్టు ఉపా (డ్యక్షుడు ముప్పిడి జాన్డీన్, సభ్యు లోని బీర్కచోరు ఛారిటబుల్ ట్రస్టు రాయణరెడ్డి ఆ పరిశ్రమ ప్రతినిదు లతో కలిసి ప్రారంఖించారు. స్థానిక ఆధ్వర్యంలో 300 మంది పేదలకు ಆಂದಿಂಬ್ ರು The west అందించే కార్బక్రమంలో మంచినీటి టిస్సులు ఆనంతరం నల్లమిళ్లి

లను ఎమ్మెల్కే ప్రశందించారు. వైకాపా 🐉 కన్సీనర్ నల్లా శ్రీనివాసరావు, జిల్లా 🔼

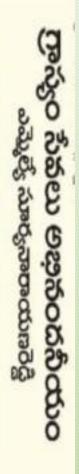
పైకాపా నాయకులు పేపశాయల రాంజాలు. ఆడ ఆనపర్తి, మ్యాస్ట్లుడే: క్రిడాన్స్పూర్తితో సాగిన క్రికెట్ పోటీల్లో అందరూ విజేతలేనని (ತದಾಸ್ಕ್ರುಶ್ವತ್ ನಾಗಾಶಿ అజ్జరపు వాసులు, మహేంద్ర, పీడీ నాగకు తదితరులు పాల్గొన్నారు. మార్, డేవిడ్, శ్రీనివాసరెడ్డి, భాస్కరరెడ్డి, హర్ష

జాల వెంకటేశ్వరరావు, మాజీ ఎంపీపీ పోతుల

బులివీర్రాజు, మత్సా పీరభద్రరావు పాల్గొన్నారు.

మీడిని శుద్ధి చేసే యం(తాన్ని ఉంరంభిస్తున్న ఎమ్మెల్య్ సూర్యనారాయణరెడ్డి బైకాపా నాయకులు మురశీ, విజయకు సీటిని శుద్ధి చేసే యం(తాన్ని ఉంరంభిస్తున్న ఎమ్మెల్య్ సూర్యనారాయణరెడ్డి బైకాపా నాయకులు మురశీ, విజయకు న్నారు. ఫైనల్ఫ్లో ఆనపర్తి లెజెండ్స్ జట్టు ప్రశాంత్ వైజింగ్ స్టార్ అమలాపురం జట్టుపై 16 పరుగుల తేడాతో గెలుపొం ర్భంగా ఏర్పాటు దేసిన బహుమతి ప్రధా నోత్సవ కార్యక్రమానికి ముజ్వఆతిధిగా ఎమ్మెల్యే హాజరై మాట్లాడారు. పోటీల దింది. విజేతలకు ఎమ్మెల్యే ట్రోఫీ అంద శారీరక, మానసిక ఆరోగ్యం చేకూరుతుంద నిర్వాహకులను అభినందించారు. జ్రీడలతో పేర్కన్నారు. ఆనపర్తి బాలుర ఉన్నత పాఠశాల క్రణా మైదానంలో 20 రోజు లుగా కొనసాగుతున్న క్రికెడ్ టోర్స్ మొంట్ శనివారం ముగిసింది. ఈ సంద అనపర్తి ఎమ్మెల్యే సూర్బనారాయణరెడ్డి అభినందించారు. కార్యక్రమంలో

ADITYA BIRLA





రంగంపీట, ఏట్రియల్ 29 భ్రధాతవార్ల

మిట్ల ప్రారంతమైన రంగించేటు మండలంలో రాష్ట్ర ప్రభుత్వం దేవడుతున్న అరిను ప్రేక్షి కార్యక్రమాలలో తానుబరుకాడామునంచుకుంటూరున్న దేవడుతున్న దహిందులో ప్రారంతమూరులో మార్విక్సాలయుందిన్నే మేర్కెన్నారు. గురువారం రంగించుల మండలం ఉ. పొంతమూరులో ప్రాగస్టం ఇందట్టిన్ వారి అద్వర్యంలో ఏర్పాటు చేసిన మహిళల ఉదిత కుట్ల మెటిన్ శిక్షణ కేండ్రాన్ని అయన ప్రారంతమూరులో మరుద్యాగ నమన్న వరిపోస్టరం కారుకోట్ల తమ సంస్థలలో స్వేసికులకు అవకారం కర్యులోని అరువైన వారికి ఉద్యోగాలు ఇచ్చాలని తెలికు కోరారు. రం కార్యక్రమంలో మండల కర్వికన వారికి ఉద్యోగాలు ఇచ్చాలని ఆరువే కోరారు. ఈ కార్యక్రమంలో మండల కర్వికన వారికి ఉద్యోగాలు ఇచ్చాలని ఆరువే కోరారు. ఈ కార్యక్రమంలో మండల కర్వికన వారికి ఉద్యోగాలు ఇచ్చాలని ఆరువే కోరారు. ఈ కార్యక్రమంలో మండల కర్వికన వారికి ఉద్యార్థిని మందలి మండల కర్వికన వారికి ఉద్యార్థిని మందలి మండల కర్వికన వారికి ఉద్యార్థిని మండలు కర్వికన వారికి ఉద్యార్థిని మండలు కర్వికన వారికి ఉద్యార్థిని మండలు కర్వికన వారికి ఉద్యార్థిని మందలు మండలు కర్వికన వారికి ఉద్యార్థిని మండలు కర్వికన వారికి ఉద్యార్థిని మందలు మండలు కర్వికన మారికి ప్రేక్షిని మండలు, మండలు కర్వికన మండల కర్వికన మండలు అన్నారాన్న మందలు మండలు మందలు మండలు మండలు మండలు మండలు మండలు మందలు మండలు మండలు మండలు మందలు మండలు మందలు మండలు మందలు మండలు మందలు మండలు మందలు మంద

ದೌಂತಮಾರು ಗ್ರಾಮಾನಿಕೆ ಶಿರಸುಸ್ತ ದಾಭಕಿಲ್ಲ

రంగంపేట, ఏద్యానంధి: దౌంతమూరు గ్రామ ప్రజల దాహార్రని త్ర్బాలన్న నంకల్పంతో ఆనవర్తి నుయోజకవర్గ ఎమ్మాల్క్ డాక్టర్ నత్తి నూర్యనారా యాజామాన్యంతో నంప్రచించి, వారి నహకారంతో 45 లక్షల వృయుంతో భారీ రక్షత ముంచినీటి వధాక నిర్వాహించారు. దీంతో దౌంతమూరు గ్రామానికి ఆగామ్ మమస్య తీరినట్లే. (గానం ఇండక్స్స్స్ యాజమాన్యం ముందుకు వచ్చి గ్రామ ఆవనరాలకనుగుకుంగా రూ.45లక్షల



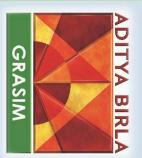
కోసం అనేక ఇబ్బందులు ఎదుర్కొంటున్నారు. ఈ సమస్యను సామాజిక బార్యరగా చేపట్టాలని ప్రస్తావించిన రక్షణమే గ్రాసం ఇండట్టేన్ యాజమాన్యం సానుకూలంగా నృందించి నిర్మాణ చేయుడం కోసం ముందుకు రావడం అభినందనీయమన్నారు. వేగవంతంగా వనులు పూర్తి చేసుకుని ఆత్యంత తొందరలో ఈ పథకం ద్వారా గ్రామస్తుల తాగునీటి నమస్య పరిష్కరించబడటం చాలా ఆనందంగా ఉందవ్నారు. ఈ కార్యక్రమంలో నల్లమిల్లి మురశీమోహన బాలకృష్ణా రెడ్డీ, గోలీ రమణు, జెడ్ పి టి పీ ఆభ్యర్థి పేవకాయుల రాంబాబు, కొల్లాటి ఇణాయెల్,దుప్పలపూడి పెట్టిబాబు, పానింగిపల్లి వెంకటేశ్వర్లు, మచ్చ బుజ్జి తదితరులు పాల్సన్నారు.

అంచనా వ్యయంతో నిర్మించనున్న

ఓవర్ హెడ్ ట్యాంక్ నిర్మాణ పనులకు

డార్యవారాయణా రెడ్డి తెలిపారు.

దొంతమూరు గ్రామస్తులు త్రాగు సీటి



నిరంతర నిఘా

ඛාත්oෆ ඛ්ඨ ත්බර ජිබ ස්පා බංගා කම්කප්, කැබෑ.ඔ කළු ජියා ක්ෂීඩ්පා ක්රයස්



ආදර්ය ලැබුණු කරනු දැක්වූ ද constitution frames the same of the same o රුද්ගල අතරය පරමුණය පළමුණුණ ජනය කිරීම වාස් විදු අතර එකින් මෙන් වූ විශාව වාස් විදු අතර එකින් මෙන්වේ වැදුම් කියල් විදුම් the mobile was order take about the to produce the trade of the pool of the po to have the depoless to the second artered The hold black why own pilys where ATTENDED TO BE STONE STORE OF TAPA CHOOSE DET) - STOLITONED BY WHILE da a propodo strat, e plas por ර්ත්රිතාර්රය විසිරුම පසුත්තර සම්පූදුරකයකි. දිනව ප්‍රතාභිතරය සංඛී විසිර SCORE STE STEEL god st tast figitors Market and State an general bed the still place reprocess NA SO OSTERNATION SELECT

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సీఎం కప్ జిల్లా స్థాయి వాలీబాల్, బాస్కెట్బాల్ పాకిటీలు ప్రారంభించిన ఎమ్మెల్య్

තරුලි දැමරුණුව ප්රදේශී දේශ්රයාගේ, සඳු ලියාග් රුවුණා, సుదర్భంగా ఎమ్మెల్మే నూర్వనారాయణరెడ్డి మాట్లాదతూ ఉమామిదాద පැඩු ලිප (සඳහර సంస్థ ఎస్ఎఎస్) మెంజర్ ఆరేఖ్య హేజరయ్యారు. ఈ బలభద్రపురంలోని గ్రాగీమ్ ఇంకట్టిస్, స్వాన్సల్లా వ్యవహించింది. గ్రాగిమ్ ఎకఎం కె.ఫాన్మర్ గ్రహిత్ రెక్టి, సెక్టన్మాఫ్ బ్రతినిధి జ్రాంత జిషోల్ కుమార్. ప్రరుమల విధాగాల్లో 19 నియోజకవర్గాల నుంచి నియోజకవర్గానికి ఒక జట్ట మన్నారు. తేదా పోటీల అర్గమైజర్ ఇందాన్ని తీరలకు స్పాన్ఫర్ గా ఉన్న గ్రా హర్మనారాయణరెడ్డి జాతీయ పతాకాన్ని అవిష్యరించారు. (ఫీవాకారుల నుంచ పార్మాయులు భోత్సాహంతో క్రీడా పోటీలు నిర్వహించడం చాల సంతోష కీదా పందనం స్వీకరించి పోలీలను ప్రారంభించారు. ఈ క్రీడల నిర్వహిణకు కరారిట్ సిరెట్. (లీమాస్ అర్వక్షతన జరిగిన కార్వక్రమంలో ఎమ్మెట్స్ රාගරපලණ්ට සයාවෙකතරණ් මධ්කණ (ආර්රෝලකණා සතු කෑ) ామంలో క్రేడా పోటేల నిర్వహిణకు దాతలు ముందుకు రావడం, వ్యాయామ පකරේ ම්රස බර්ධපත්ර පත මේරේගත සරේගතුරා ජ దా పోటీల ఎంపికలను ఎమ్మెట్మే దాక్షర్ నక్తి సూర్యనారాయణరె పెడస్టాడి దైధ హ్యాన్ : ఏపీ సీఎం కెస్ ఉన్నా స్వేయి వారీవాల్, వాస్తెస్స్ట్రా

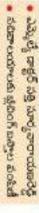


మన్ని పైప్పార్టీస్ గ్రామ కస్తేవర్ డ్యారంప్లారి పార్యనారాయణరెక్కి పెత్తులు పేరణ పాల్చన్నారు. కార్యక్రమంలో ఉల్ల స్వార్ట్స్ ఆధారిదే కోచ్ నురేష్ కుమార్, ఉల్లా సీఎం కష్ ఇంచర్డ్ షి.(కినివాసు, జెచ్చీటిక్ సమ్మరాలు పేషకాయల పెంకలలక్ష్మే, ఎంసీపీ రంపలోదవరం నియోజకవర్గాల మర్య ఉక్కాసాంగా ప్రారంభమైంది. వాన్నన పోటీల్లో పాల్గొంటున్నారు. మొదటి వారీబాల్ మ్యాప్ అనస్సు కేతా లక్షిశులసి. డీఆర్మ్ విద్యా సంస్థల అధినేత డీడుర్మే రెడ్డి, సర్బంబి అంక

REPORTING: CORPORATE SOCIAL RESPONSIBILITY -



గ్రాసిం పలశ్రమ సేవలు అజనందనీయం



ఆన్నారు. గ్రామం ఇండ స్టేష్ సామాజిక బాధ్వతగా కంపెనీ సీఎస్ఆర్ ఫలక్స్లోని నియోజకవర్గంలోని පේල වුරගම් පයසුත් පණුමුණවා ගණ ఆన్నారు. జగనన్న వ్వర్ప సంకల్పం కార్యక్రమం సిహాచేసీలో చనతులు మొతుగుపరినేందుకు THE BY BUT TO SON TONE IN ಅಕವೆನ್ನೆ ಅಕ್ಷನ್ನೆಯಾಗಿ ವಿವಿ ಸವಿವಾಲಯಾಗುತ್ತ ವರಿ సామాజిక అభివృద్ధికి అండగా నెలుస్తున్నాయని ఎప్పెర్వీ డాక్టర్ సత్తి సూర్యనారాయణరెక్టి వినిటి (గామాల్లి మాలక వనతుల కల్పన, ఆనస్వ చారం ఎమ్మెల్వే చేశుల మదగా నిర్వహించారు లోని గ్రాసిం ఇండ్ స్టీస్ కంపెనీ క్లేన్ అనవర్తి నియో లో భాగంగా వీక్కవోలు మండలం బలభువ్వవురం సంక్షణ. కార్వార్టర్ కంపనీలు ముందుంటూ నే ఈ కార్యక్రమంలో ఎమ్మెక్యే మాట్లడుతూ THE PART OF THE BOTTON OF THE BET LOW THE BUILDING BUILDING



త్తవంగ్ బస్సోలను గ్రామ సంమాలయాలకు పంపెణీ చేస్తున్న అమ్మెల్యే డాక్టర్ సూర్యగారాయణరెడ్డి

క్రమంలో గ్రానం ఇండన్లీ యూరిలే హెక్ ఆర్జెయ కృష్ణన్, జీఎం హెన్ఆర్ ఎం.ములరోకృష్ణ, జీఎం సుమారు రూ. 5 లక్షణ వ్యయంతో 21 అన్నుల రాలోయే వర్తాకాల పిజసీసు దృష్టలో ఉంచుకున ಸ್ಥಾನ್ನ ವಿಷ್ಯಾಕ್ಕೆ ಆರಿಸಂಬಂದಾರು ಅನೆವಿಧಂಗ್ నిపత్తిందని ఎక్నుల్కే తెలిపారు. అనంతరం త్రేకిం పారిశుధ్య విద్యహణకు గాను నవిచాలయాంకు ద్దినింగ్ పౌడర్ పంపణిక గ్రామం ఇండస్ట్రీ తర్వలు ನಂಬಿಡೆದ ವಿಷ್ಯುಪ್ಪ ಪ್ರಾರಂಭಿಂಗಾರು. ಈ ಕಾರ್ಯ

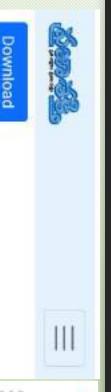
ವರ್ಷ ಕುಮಾರಿ, ರಾಷ್ಟ್ರ ಕರ್ಡ್ನೆ ಫ್ರೋಟ್ ರಾಲ್ಫ್ ಕೆಟ್ಸ್ క్రికెన్స్ శివకామారాధ్య, ఎందీపీ అందూరి సూర్తు ಕ್ಷಣ್ಣವು ಭಾರತ್ಯ ಕ್ಷಣ್ಣವಾಗಿ ಕ್ಷಣ್ಣವಾಗಿ నారాయణ, వైస్ ఎంపిపీ కర్రి బాసు, నర్బంచ ఎంపీటీసీ సభ్యులు, పండాయత్ వార్తు నభ్యులు మస్సార్ సిపీ గ్రామ కవిందే కస్వేసర్ వ్యవింద్ర 金额 经营业 等 医骨骨肉的 全人地名的 田里 స్టిక్క వంగాయకే కార్యవర్శి మట్లిడి విజయతెక్షి

> Rangampeta, Bikkavolu, Anaparthy, Pedapudi) under sanitization purpose. to the Anaparthy Constituency (4 Mandals Distributed 21 tones of Stable Bleaching powder

రియేలు సమహార్చక్కువ కంపెనీ యాజమా

CORPORATE SOCIAL RESPONSIBILITY -







జిల్లాను క్రయ నిర్మూలన జిల్లాగా తీల్ఘిబిద్దుదాం

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GRASIM

ADITYA BIRLA

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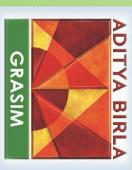
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Grasim Industries Limited, Balabhadrapuram, has adopted 104 TB patients from Anaparthi Minister Smt. Taneti Vanita on (28.11.22). Mr. RG Krishnan, Unit Head and Murali Krishna a cheque of Rs.4,45,000/- to the District Collector through the hands of Hon'ble Home under "Pradhanamantri TB Muft Bharat Abhiyan - Nikshay Mitra" programme being HR Head with the CSR team were present in the programme. implemented in the State. In a programme held at Collectorate, Grasim has handed over TB Unit of East Godavari District, to provide nutritious food for a period of six months











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Grasim Industries Limited,
Balabhadrapuram, has constructed & handed over 90KL water tank for
Dontamuru Village with a cost of Rs. 75
Lacs and a Community Hall at Nallamilli Village with a cost of 25 Lacs to their respective village panchayats in presence of local Anaparthy MLA Dr. Sathi Suryanarayana Reddy and Villagers.

ADITYA BIRLA

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విశాలంత్ర - అవర్వి : స్వాది నెక్కి హేట, మొదటచిత్కాప్రదల హేటలో గ్రామిస్ అండర్లికో - గ్రామ్మలతో - కెక్క కమ్మూనిటీ పకిల్ప్ ప్రారంభించిన ఎమ్మెల్క్



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CER @ BB Puram







GIL/B8P/UH/ENV/158 24th December 2021

The Regional Director,

fylinistry of Environment Forest and Climate change,
Regional office (South Eastern Zone),

1" and 2" Floor, HEPC Building No. 34,
Cathedral garden road,

Nungambakkam, Chennal-600 034

Dear Sir.

Sub: Commencement of Operations- Grasim Industries Ltd.,

(Ref:

- 1, Environmental Clearence vido F. No. J-11011/90/2011- tA it (I), Dated 22nd March, 2013
- 2. Transfer of Environmental Clearance wide F. No. J-11031/90/2011-IA II (I), Dated 21st November, 2019.
- 3. Extension of validity of EC till 22nd March 2023, vide F. No. J-11011/90/2011-IA II (I) Dated 18th August 2020.)

We would like to place on record that we Grasim Industries Limited, Balabhadrapuram (V), Biccavolu (M), Fast Godavan District, Chlor Alkali plant has commenced operations w.e.f 24th December 2021.

We confirm that all the safety precautions are in place for the smooth and safe operations of the plant.

Thanking you,

Yours Faithfully

For Grasim Industries Ltd., (Chemical Division, 8B Puram)

Contact Details:

Mobile Nos: 8884946985 (air) 8008303882 Email : rg.krish<u>na</u>p@adisya<u>birig.rom</u>

Alt : muralikrishna,myk@adityabirla.com

ル. President & Unit Head

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Annexure-10

Photographs of Online Chlorine analyzer connected to DCS control room







