









(UNIT-SHREE RAIPUR CEMENT PLANT)

Village: Khaparadih, Tehsil: Simga, Distt. Baloda Bazar-Bhatapara (C.G) Pin: 493332, Ph.:07727-203101, CIN No.: L26943RJ1979PLC001935

SRCP/ENV/2022-23/87

Date: 12/09/2022

To,
The Member Secretary,
Chhatiisgarh Environment Conservation Board,
Paryavas Bhavan, North Block, Sector-19
Naya Raipur (C.G)

Sub: - Submission of Environment Statement for the year 2021-22 by Shree Raipur Cement Plant (A unit of Shree Cement Ltd.) located at Village Khapradih, Tehsil: Simga, Dist.: Balodabazar-Bhatapara, (C.G.).

Ref: 1. Consent to Operate (Air & Water) letter No.- 9505 /TS/CECB/ 2021, dated 02/02/2021.

2. CTO amendment for expansion letter No: 9497/TS/CECB/2022, dated 24/03/2022.

Dear Sir,

With reference to the above subject matter, we are submitting herewith the **Environmental Statement in Form-V** for the year **2021-2022** for our Shree Raipur Cement Plant (A Unit of Shree Cement Limited) located at Village Khapradih, Tehsil: Simga, Dist.: Balodabazar-Bhatapara, (C.G.).

Submitted for your kind information and record please.

Thanking you,

Yours faithfully, For Shree Raipur Cement Plant (A unit of Shree Cement Ltd.)

IV Mahesh

Ass. Vice President

Enclosed: - As above.

Conservation of Conservation o

CC to: - Regional Officer, Chhattisgarh Fnvironment Conservation Board, Commercial Complex, Chhattisgarh Housing Board Colony Kabir Nagar, Raipur (C.G.) - 492099

RAIPUR OFFICE: House No. 31/248, Civil Lines, Near C.M. House, Raipur-492001, Ph.: 0771-2430007, Fax: 0771-2430007

REGD. OFFICE: Bangur Nagar, Post Box No. 33, Beawar, 305901, Dist. Ajmer (Raj.)
Phone: 01462-228101-105, Fax: 01462-228117/119, e-mail: shreebwr@shreecement.com, Website: www.shreecement.com

ENVIRONMENTAL STATEMENT

FORM - V

Shree Raipur Cement Plant (A Unit of Shree Cement Limited)

Period from: April 2021 to March 2022

PART - A

1,	Name and address of the Owner / Occupier of the Industry operation or process	M/s Shree Raipur Cement Plant (A Unit of Shree Cement Ltd) Village – Khapradih, Tahsil – Simga, Distt – Baloda Bazar (Bhatapara) Chhattisgarh – 493332
2.	Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code)	Red Category
3.	Production Capacity	3.0 Million TPA Cement 12.5 Million TPA Clinker 60 MW Waste Heat Recovery Power Generation 25 MW Captive Power 1000 KVA DG sets
4.	Year of Establishment	2015
5.	Date of the last Environmental Statement Submitted	31/08/2021

<u>PART – B</u> WATER AND RAW MATERIAL CONSUMPTION

(I) WATER CONSUMPTION:

Process

179.15 KLD (WHRS & CPP)

Cooling and dust Suppression

239.96 KLD (Cement plant)

Domestic

563.23 KLD (Cement & Captive Power plant)

	Process Water Consumption per Unit of Product Output			
Name of Product	During Previous Financial Year (2020-21)	During Current Financial Year (2021-22)		
Cement	0.010 KL/MT of Cement	0.009 KL/MT of Cement		
Clinker	0.013 KL/MT of Clinker	0.018 KL/MT of Clinker		
WHRB Power	0.224 KL/MW of WHRB power generation	0.234 KL/MW of WHRB power generation		
CPP Power	0. 201 KI/MW of CPP power generation	0. 253 KL/MW of CPP power generation		

(II) RAW MATERIAL CONSUMPTION:

	Nows of	Consumption of Raw Material Per Unit of Output Cement, Clinker & Power		
Name of Raw Material	Name of Product	During Previous Financial Year (2020-21)	During Current Financial Year (2021-22)	
Gypsum		0.1013	0.1101	
Fly Ash	Comont	0.3257	0.3489	
GBFS Slag	Cement	Nil	0.00001	
Clinker		0.5586	0.5409	
Limestone		1.4992	1.4930	
Fuel (Pet Coke/Coal)	Clinton	0.0887	0.1132	
Additives (Iron Ore, Red Mud)	Clinker	Nil	Nil	
AFR		0.0056	0.0235	
Fuel Coal (Indigenous & Imported)	Power	0.0009 per Kwh	0.0010 per Kwh	
Limestone	Generation	0.00001 per Kwh	0.00003 Per Kwh	

(III) POWER CONSUMPTION (KWH/T OF PRODUCT):

Product Name	During Previous Financial Year (2020-21)	During Current Financial Year (2021-22)
Cement	61.65	61.91
Clinker	61.72	61.99

(IV) TOTAL PRODUCTION (MT):

Product Name	During Previous Financial Year (2020-21)	During Current Financial Year (2021-22)	
Cement	19,07,491	17,99,207	
Clinker	38,40,402	35,55,220	
WHRB Power	19,75,19,133 Kwh	15,30,05,604 Kwh	
CPP Power	11,49,72,169 Kwh	9,21,97,532 Kwh	

<u>PART – C</u> <u>DISCHARGED TO ENVIRONMENTAL / UNIT OF OUTPUT</u>

Pollutants		Quantity of Pollutants Discharged (Mass/Day) Ton/day	Concentration of Pollutants in Discharge (Mass/Volume)	Percentage of variation from prescribed standard with reasons
(a) Water		No waste water is being discharged outside the plant premises. As the plant is being operated on dry process technology, therefore no process liquid effluent is generated from cement plant. Only domestic waste water generated from the office toilet and canteen same is being treated in STP installed at site and treated water is being used for irrigation of greenery developed in the plant premises. We have installed 02 nos. of STP having capacity 80 KL (40 KL each). We are maintaining parameters within the prescribed limit.		
(b) Air Pollutants (PM, SO2 & NOx)		Analysis Report of STP treated your record and ready referen Quantity of Pollutants Discharged (Ton/day)	Concentration of Pollutants in Discharge	Percentage of variation from prescribed standard
	Raw mill & Kiln (PM)	0.0833	(Mass/Volume) 9.11	with reasons
	Raw mill & Kiln (SO2)	0.0068	0.74	
	Raw mill & Kiln (NOx)	3.2382	354.28	
Unit- 1	Coal mill (PM)	0.0122	14.73	
	Cooler stack (PM)	0.0583	10.91	
	Cement mill (PM)	0.0314	12.09	We have installed
	Raw mill & Kiln (PM)	0.1131	14.25	appropriate air
	Raw mill & Kiln (SO2)	0.0210	2.64	pollution control
Unit- 2	Raw mill & Kiln (NOx)	2.7127	341.84	equipment's (viz. ESP,
	Coal mill (PM)	0.0111	12.64	Bag House & Bag
	Cooler stack (PM)	0.0414	7.48	Filters). Installed low
	Raw mill & Kiln (PM)	0.1922	12.47	NOx burner and De-NOx
			0.50	system to control NO
	Raw mill & Kiln (SO2)	0.0077	0.50	
Unit-3	Raw mill & Kiln (SO2) Raw mill & Kiln (NOx)	0.0077 4.3241	280.60	emissions.
Unit-3	Raw mill & Kiln (SO2) Raw mill & Kiln (NOx) Coal mill (PM)	4.3241 0.0260		emissions.
Unit-3	Raw mill & Kiln (SO2) Raw mill & Kiln (NOx) Coal mill (PM) Cooler stack (PM)	4.3241 0.0260 0.0993	280.60	emissions.
	Raw mill & Kiln (SO2) Raw mill & Kiln (NOx) Coal mill (PM) Cooler stack (PM) CPP Boiler stack (PM)	4.3241 0.0260	280.60 14.56	emissions.
Unit-3	Raw mill & Kiln (SO2) Raw mill & Kiln (NOx) Coal mill (PM) Cooler stack (PM)	4.3241 0.0260 0.0993	280.60 14.56 13.60	emissions.

Stack emission, AAQ & Noise monitoring report are attached as Annexure- 1, 2 & 3 respectively.

PART - D

HAZARDOUS WASTE

(As specified under Hazardous & other wastes (Management and Transboundary Movement) Rule, 2016.

Hazardous	Total Quantity (kilo Ltrs.)		
Waste	During previous Financial Year (2020-21)	During Current Financial Year (2021-22)	
(a) From Process	Used Oil (Cat. 5.1): 10.42 KL	Used Oil (Cat. 5.1): 23.6 KL	
	(Common for Cement plant & Mines)	(Only for Cement plant)	
(b) From Pollution Control Facilities	Nil	Nil	

PART – E SOLID WASTE

		Total	Quantity
		During Previous Financial Year (2020-21) (MT/Year)	During Current Financial Year (2021-22) (MT/Year)
(a)	From Process	No solid waste is generated from the Cement manufacturing process.	No solid waste is generated from the cement manufacturing process.
(b)	From Pollution Control Facility	Dust collected in the ESPs, Bag House and Bag Filters are recycled to the system.	Dust collected in the ESPs, Bag House and Bag Filters are recycled to the system.
(c)	1. Quantity rejected or reutilized within the unit	All the collected swept waste is 100% reused in the process.	All the collected swept waste is 100% reused in the process.
	2. Sold (Metal / nonmetal / plastic scrap /Burst Bags, filter & PP bags etc.) (Common for Cement plant & Mines)	1483.34 MT	1431.52 MT
	3. Disposed	Nil	Nil

Note: - Scraps sold to scrap dealers/recyclers

PART - F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes:

Hazardous Wastes

Cement manufacturing is based on "Dry Process". No Hazardous waste is generated from the process except used oil which is drained from Machineries / Equipment's. The store department stores all collected hazardous waste at specified location as per Hazardous and Other Wastes (Management and

Transboundary Movement) Rules, 2016 from where the hazardous waste is being sold out to SPCB authorized recyclers.

Battery Wastes:

	Total Quantity (MT) (Common for Cement plant & Mines)		
April, 2021 to March, 2022	During Previous Financial Year (2020-21)	During Current Financial Year (2021-22)	
	Nil	9.36	

Note- Battery Waste sold to authorized recycler.

E-WASTE

E- waste generated during current financial year April, 2021 to March, 2022 under the E-Waste (Management) Rules, 2016, are as follows.

	ntity (MT)	
	ent plant & Mines)	
April, 2021 to March, 2022	During Previous Financial Year (2020-21)	During Current Financial Year (2021-22)
.91	9.340	Nil

Note- E-Waste sold to authorized recycler.

Bio-Medical Wastes:

Bio-medical waste generated during current financial year April, 2021 to March, 2022 under the Bio-Medical Waste Management Rules, 2016, are as follows.

		Bio-Medical Wa	ste Quantity (Kg)	
April, 2021 to		(Common for Cen	nent plant & Mines)	
March, 2022	(CatYellow)	(Cat Red)	(CatWhite)	(CatBlue)
	17.73	11.47	14.14	16.95

Note- Above mentioned waste has been sent to M/s SMS Watergrace Enviroprotect Pvt. Ltd., CBWTF Bio Medical Treatment Facility, Raipur (C.G.) for disposal.

PART - G

IMPACT OF THE POLLUTION CONTROL MEASURES ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION

M/s Shree Raipur Cement Plant (A Unit of Shree Cement Ltd.) is being operated on dry process technology, which is cost effective and environmentally clean technology. The advantage of dry process is also in fuel economic. The stack emissions from the plant are controlled by equipment like ESPs, Reverse Air Bag House (RABH) and Bag Filters installed at various material transfer points to clean the process and arrest the fugitive emissions. The particulate matter collected in the pollution control equipment is recycled in process and neutralizing the cost of operation of pollution control equipment's and hence no cost impact on the production cost.

Waste Heat Recovery System (WHRS) is installed at Pre-lieater and cooler section for trapping gasses of high temperatures and are being used for generation of Green Power which has resulted in conservation of fuel, reduction of GHG emissions and water conservation. Company has separate AFR cell looking

after the utilization of alternative fuels and raw materials. Unit is utilizing ETP sludge, Organic residue, Distillation residue, spent carbon, spent solvent, spent catalyst, spent resin, waste containing oil etc.

PART - H

ADDITIONAL MEASURES / INVESTMENTS PROPOSAL FOR ENVIRONMENT PROTECTION INCLUDING ABATEMENT OF POLLUTION

- 1. Green belt development and tree plantation is our ongoing process. Out of Total plant area of 159.256 hectare, Green belt has been developed on 55.75 Hectare (35%) area with 1,21,976 Nos. of saplings along with entire periphery of the plant.
- 2. Additionally, Under Hariyar Chhattisgarh project we have planted 15,000 saplings near school of Bharuwadih, Semradih, Khapradih, Chandi, Karahi & Parkidih villages. Road side plantation of about 10 KM on both side of road from Bharuwadih to Chandi village has been done. And we have also planted 15,050 saplings at Bhatapara. Apart from that 2,000 sapling has been planted near the Logistic building. Apart from that 6,000 sapling has been planted near the Diesel Pump area. Local native species viz. Neem, Karanj, Platofarm, Cassia Siamea, Shisham etc. are planted to increase the survival rate.
- 3. The funds earmarked for Environmental Protection measures are being utilized. Total expenditure incurred during the period April-2021 to March-2022 are as under-

Sl. No.	Description	Amount in Rs.
1	Sewage Treatment Plant	1,92,870
2	Technical Consultancy & Monitoring	43,99,731
3	Plantation	1,26,52,231
4	Housekeeping & Vacuum Sweeping	5,38,58,697
5	Energy Consumption in Pollution Control Devices	19,43,01,705
6	Rates & Taxes	33,35,036
	Total	26,87,40,270

Note- Environment expenditure incurred for SRCP Cement Plant & Lime Stone Mines.

PART - I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT.

- 1. Installed 4 numbers of online Ambient Air Quality Monitoring Stations and Installed Continuous Emission Monitoring System at raw mill & kiln stack, Cooler stack, Coal mill stack, Cement mill stack and CPP stack.
- 2. Real time online data for AAQMS & CEMS stacks, are transmitting to State Pollution Control Board or Pollution Control Committees and Central Pollution Control Board on continuous basis.
- 3. Monitoring of stack emission and ambient air and water quality is being done regularly.
- 4. Effective operation of cooler ESP transformer and control panel in first field to further reduce PM emission levels.
- 5. Installed NOx mitigation systems at Cement Kiln-I & II as pollution control measure to achieve prescribed standards.
- 6. We have full-fledged Environment Department with three separate cells for monitoring, maintenance of pollution control equipment and Green Belt development.

- 7. Installed Bag filters at various material transfer points in unit-1, unit-2 & CPP respectively for control of fugitive emission.
- 8. Cement being manufacturing in dry process and there is no any effluent generated from the process hence maintaining Zero Effluent Discharge Plant.
- 9. Provided waste heat recovery system of capacity 55 MW for power generation from the waste heat gases of kiln & cooler.
- 10. All internal roads are made concrete for further reduction of fugitive emission.
- 11. Civil department taking care of House keeping with the help of four Numbers of heavy duty sweeping machines for regular sweeping of all plants roads, shop floors on regular basis.
- 12. Fly ash is being transported in the closed containers and bulkers.
- 13. Constructed three Clinker silo with fully covered with tin shed to avoid dust emission.
- 14. Installed bag filter at all material transfer points to avoid fugitive dust emission along with fully enclosed tin sheet.
- 15. All Storage Silo installed with Bag filter for controlling dust emission.
- 16. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.
- 17. Dust collected from pollution control devices and vacuum cleaning devices is being totally recycled & reused in the process of cement manufacturing.
- 18. Domestic waste water generated by unit being treated in Movable Bed Bio reactor (MBBR) based sewage treatment plant (STP). Treated STP water being used for plantation/ greenbelt development.
- 19. Horticulture Department is taking care of tree plantation and green belt development.
- 20. Applicable best available control measures have been adopted to minimize the fugitive dust emission from each fugitive dust source within active operation.
- 21. Constructed Covered storage shed for stockpiles of Limestone, Coal & Gypsum.
- 22. Developed Rain water harvesting Pond for recharging ground water through recharge pit.

On support of above, we are enclosing herewith following: -

Annexure-1: - Stack Emission monitoring report.

Annexure-2: - Ambient Air Quality Monitoring Station Report.

Annexure-3: - Ambient Noise Monitoring report

Annexure-4: - STP water Analysis report.

Name of	Parameter	Norms						/onito	ring	ring Period FY 2	Monitoring Period FY 2021-22	oring Period FY 2021-22	ring Period FY 2021-22	ring Period FY 2021-22
Stacks	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	NO. III	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21		Oct-21	Oct-21 Nov-21		Nov-21	Nov-21 Dec-21
Cement Mill	PM	30	11.97	11.64	12.91	10.83	10.11	9.67		14.43	14.43 11.78		11.78	11.78 11.05
Coal Mill Stack-1	PM	30	14.72	14.58	15	13.85	Not in	13.71		14.51	14.51 13.94		13.94	13.94 15.37
Cooler Stack-1	PM	30	11.46	11.19	10.96	10.83	operation	10.98		10.77	10.77 11.29		11.29	11.29 11.36 10.57
Coal Mill Stack-2	PM	30	12.60	11.57	10.67	11.63	11.07	7.20	- 1	12.10		12.11	12.11 14.95	12.11 14.95 14.82
Cooler Stack-2	PM	30	8.25	8.53	8.48	8.63	9.03	5.23		8.63	8.63 8.03		8.03 7.51	8.03 7.51 7.41
Ram Mill 8.	PM	30	9.86	9.89	9.8	9.2		8.89		8.85	8.85 8.88		8.88	8.88 8.85 7.94
Kiln Stack-1	S02	100	0.01	0.0	4.29	0.0	Not in operation	0.7		0.13	0.13 0.34		0.34	0.34 0.47
	NOx	600	452.29	345.50	282.37	364.03	-	383		399.57	399.57 380.37		380.37	380.37 305.59
Ram Mill &	PM	30	14.61	17.16	15.69	16.21	14.04	10.30		12.98	12.98 14.39		14.39	14.39 15.15
Kiln Stack-2	S02	100	0.0	0.0	0.91	4.21	3.78	0.57		21.06	21.06 0.01		0.01	0.01 1.15
	NOx	600	283.04	338.99	342.11	336.59	358.97	374.97		345.63	345.63 293.20		293.20	293.20 383.22
Power Plant	PM	50	32.14	36.09	35.44	32.30	30.07	31.78		22.45	22.45 27.23		27.23	27.23 25.74
Stack	S02	600	307.04	232.9	338.51	251.92	158.45	197.79		224.07	224.07 208.51		208.51	208.51 245.71
	NOx	450	70.76	89.26	98.41	118.12	176.83	142.98	00	8 130.25		130.25	130.25 119.61 88.52	130.25 119.61



Shree Raipur Cement Plant (A Unit of Shree Cement ltd) Online Ambient Air Quality Monitoring Report (All value in µg/m3)

Annexure-2

Period from April 2021 to March 2022

	village Khapradih)	Boundary towards	AAQMS 4 (Plant		South Diection)	Boundary towards	AAQMS 3 (Plant		villageSemradih)	boundary towards	AAQMS 2 (Mines		village Bharuwadih)	boundary towards	AAQMS 1 (Mines	Location	
NO ₂	502	PIVI _{2.5}	PIVI ₁₀	NO ₂	SO ₂	PM _{2.5}	PM ₁₀	NO ₂	302	PW _{2.5}	PM ₁₀	NO ₂	30 ₂	PW _{2.5}	PM ₁₀	Parameters	
80	80	60	100	80	80	60	100	80	80	60	100	80	80	60	100	Norms (µg/m3)	
								µg/m3								Unit	
12.57	5.39	32.66	54.37	7.89	6.31	26.85	46.15	7.16	10.73	25.46	54.98	0.89	13.31	22.14	34.18	Apr-21	
12.57	5.69	15.37	38.39	8.73	6.99	23.64	41.34	6.68	10.01	15.37	34.38	2.63	16.24	22.57	37.88	May-21	
9.63	5.73	19.84	39.75	8.13	6.50	18.79	34.82	6.77	10.15	17.69	38.46	3.63	4.91	17.39	34.94	Jun-21	
9.19	5.84	14.80	33.99	7.93	6.34	12.27	28.76	6.86	10.28	15.23	34.46	3.71	4.28	14.42	27.05	Jul-21	A STATE OF THE STA
9.16	6.72	20.71	47.30	8.65	6.92	17.82	39.27	7.65	11.48	15.97	42.93	3.62	4.23	19.32	36.17	Aug-21	
8.70	7.55	15.35	33.71	8.77	7.02	15.03	30.04	8.39	12.59	14.46	31.50	3.55	4.21	14.09	26.36	Sep-21	
9.12	6.29	28.38	54.98	8.57	6.86	28.26	49.68	8.63	12.95	26.05	51.73	3.61	4.19	27.77	48.08	Oct-21	
9.30	5.13	31.16	57.95	9.11	7.29	27.01	57.53	9.71	11.61	32.91	57.74	4.08	4.01	31.33	54.94	Nov-21	
9.21	3.46	28.78	49.40	8.72	6.98	24.83	52.90	9.75	8.70	28.60	52.90	4.41	3.96	22.94	42.87	Dec-21	
9.27	3.49	21.58	48.57	11.06	8.85	18.79	52.02	9.48	8.30	21.57	43.86	4.43	3.93	21.82	46.67	Jan-22	
9.18	3.44	17.28	51.01	9.92	7.29	25.74	51.70	9.00	7.88	29.31	55.57	4.41	3.89	25.34	44.62	Feb-22	
5.25	6.16	23.63	56.13	3.53	6.33	37.67	70.37	4.59	10.32	35.89	73.43	4.47	12.96	36.33	70.45	Mar-22	
9.43	5.41	22.46	47.13	8.42	6.97	23.06	46.21	7.89	10.42	23.21	47.66	3.62	6.68	22.96	42.02	Avg.	



Shree Raipur Cement Plant Noise Monitoring Report Prescribed Limit - Day Time - 75 dB(A), Night Time - 70 dB(A)

S No.	Location	1	i-1 (Near uadih)	1	5-2 (Near radih)		5-3 (Near VIS)	1	5-4 (Near eradih)
2 IAO.	Month	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1	Apr-21	57	43	58	44	56	41	59	40
2	May-21	59	44	57	42	61	44	58	42
3	Jun-21	63	46	60	40	59	42	61	45
4	Jul-21	61	45	53	37	60	46	57	43
5	Aug-21	59	40	55	40	57	43	63	40
6	Sep-21	57	42	60	41	62	48	63	47
7	Oct-21	47	40	44	38	42	35	45	39
8	Nov-21	55	45	59	49	62	55	60	45
9	Dec-21	62	42	69	43	60	45	58	40
10	Jan-22	56	47	59	45	60	52	55	.40
11	Feb-22	52	40	55	42	59	46	57	43
12	Mar-22	63	45	65	42	58	44	55	40

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Shree Raipur Cement Plant STP water Analysis report (mg/l)

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	6		u		4		ω		2		Н	Sr. No.
STP-2	STP -1	STP-2	STP -1	STP-2	STP -1	STP-2	STP -1	STP-2	STP -1	STP-2	STP -1	Location
(MPN/100 ml)	Coliform		Oil & Grease	(/ /	BOD (3 day		COD		TSS		рĦ	Parameters
	1000		10		30		250		100		5.5-9.0	Prescribed Limit (mg/l)
					19	Not monitored due to COVID-						Apr- 21
		T.	T		;	nitored	1					May- 21
70.00	79.00	3.0	<2.0	10.00	7.00	60.00	50.00	17.00	30.00	8.30	8.50	Jun- 21
63.00	84.00	<2.0	<2.0	20.00	16.00	102.00	96.00	36.00	42.00	8.10	8.30	Jul-21
ı	46	į	<2.0	ı	10.00		68.00	*	45.00	•	8.10	Aug- 21
63	70	<2.0	<2.0	16.00	12.00	82.00	76.00	43.00	47.00	8.50	8.40	Sep- 21
<100	<100	<2.0	<2.0	12.0	10.0	60.0	70.0	40.0	38.0	7.9	8.0	Oct-21
<100	<100	<2.0	<2.0	11.0	12.0	80.0	70.0	41.0	40.0	8.20	8.10	Nov-21
<100	<100	<2.0	<2.0	12.4	14.52	45.7	47.80	36.0	46.0	7.9	7.56	Dec- 21
<100	<100	<2.0	<2.0	8.80	12.68	32.24	40.64	22.0	32.0	7.85	7.78	Jan-22
<100	<100	<2.0	<2.0	10.2	13.5	36.4	42.8	30.0	25.0	7.78	7.92	Feb-22
<100	<100	<2.0	<2.0	10.8	16.28	28.64	46.80	18.0	26.0	7.80	7.56	Mar-22

