



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(सत्यमेव जयते)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s Harshpriya Constructions Pvt Ltd		
Project Address:	Mouza- Baramunda, Bhubaneswar, Odisha		
Town:	Bhubaneswar	Block:	Bhubaneswar
District:	Khordha	State:	Odisha
Pin Code:	751007		
Communication Address:	M/s Harshpriya Constructions Pvt Ltd, Plot No-542, Saheed Nagar, Bhubaneswar, Khordha, Odisha - 751007		
Address of CGWB Regional Office :	Central Ground Water Board South Eastern Region, Bhujal Bhawan, Khandagiri Square, NH-5, Bhubaneswar, Odisha - 750001		

1. NOC No.:	CGWA/NOC/INF/ORIG/2019/6499									
2. Application No.:	21-4/2270/OR/INF/2019			3. Category:	Infrastructure					
4. Project Status:	New Project			5. NOC Type:	New					
6. Valid from:	24/10/2019			7. Valid up to:	23/10/2021					
8. Ground Water Abstraction Permitted:										
Fresh Water		Saline Water		Dewatering		Total				
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year			
78.30	28579.50					78.30	28579.50			
9. Details of ground water abstraction /Dewatering structures										
Total Existing No.:0					Total Proposed No.:3					
	DW	DCB	BW	TW	MP	DW	DCB	BW	TW	MP
Abstraction Structure*	0	0	0	0	0	0	0	3	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit										
10. Quantum of ground water recharge/harvesting(m ³ /year):							5784.00			
11. Number of Piezometers (Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers		Monitoring Mechanism							
			Manual		DWLR**		DWLR With Telemetry			
**DWLR - Digital Water Level Recorder	1		0		1		0			

(सत्यमेव जयते)

Digitally signed by
NANDAKUMARAN P
Date: 2019.11.13 16:00:08 +05'30'

सदस्य (केन्द्रीय भूमि जल प्राधिकरण)
Member (CGWA)

18/11, जामनगर हाउस, मानासह राड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi, 110011

Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following mandatory conditions:

1. No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
2. The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
3. All new as well as existing ground water abstraction/ de-watering structures shall be fitted with digital water flow meters by the firm at its own cost immediately on completion of their construction or grant of NOC as the case may be. In case of renewal of NOCs, all existing ground water abstraction structures shall continue to be fitted with digital water flow meters. Intimation of installation of flow meters shall be sent by the proponent to the Regional Director of CGWB within 6 months of grant of NOC. Daily ground water abstraction data shall be monitored / continue to be monitored (in case of renewal) by the firm and recorded in a log book. Details of month-wise ground water abstraction shall be submitted to the Regional Director, CGWB, once every year.
4. In case the ground water abstraction is more than 10 m³/day, monthly water level monitoring data shall be maintained and submitted annually to the Regional Office of CGWB. Wherever groundwater withdrawal is more than 500 m³/day, the firm shall install telemetry system in one of the piezometers and share USER ID and password of the telemetry system with the Regional Director, CGWB.
5. In case ground water abstraction is more than 10 m³/day, ground water quality shall be monitored once in a year (during pre- monsoon period) and the report submitted to the Regional Office, CGWB. Wherever the extraction is less than 10 m³/day, ground water quality report shall be submitted by the proponent at the time of submission of self-compliance report.
6. Ground water augmentation/harvesting measures, as stipulated in the NOC, shall be implemented (in new cases) / continue to be maintained (in case of renewal) in consultation with the concerned Regional Director, CGWB.
7. Proof of recharge/water harvesting structures constructed (photographs of structures) shall be submitted to the concerned Regional Director, CGWB within 6 months from the date of issue of NOC. The firm shall also undertake periodic maintenance of recharge/water harvesting structures at its own cost.
8. The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
9. In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
10. The firm shall optimize water use through recycling/ reuse of waste water after proper treatment.
11. Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
12. In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
13. Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
14. The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
15. This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/dischage of effluents or any such matter as applicable.
16. This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
17. The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
18. This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
19. Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment(Protection)Act, 1986.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

Calibration Certificate

Certificate No	TC220216/6/1	Unique Lab Report (ULR) ID	CC285722000001016F
Date of Calibration	16/02/2022	Recommended Next Due Date*	16/02/2023
Receipt / WRF No.	TC220216/6	Date of DUC Received	16/02/2022
Certificate Issue Date	16/02/2022	Calibration Performed at	Lab

Details of Customer

Name	HP Square, M/s Harshpriya Constructions Pvt. Ltd.
Address	Baramunda, Bhubaneswar, , Bhubaneswar-, Odisha, India
Ref. Doc. No. (GP/PO)	751 (Through Accumax Instruments Pvt. Ltd., Gandhinagar)
Date of Doc.	16/02/2022

Details of Device under Calibration (DUC)

Nomenclature	Electromagnetic Flow meter		
Range of Meter	1.1 to 22 m ³ /hr	Mfg. Serial No	-
Resolution	0.01 m ³ /hr	Identification No	EFM01221196
Size	1.5" / (40NB)	Model No	EFM-40-PTFE-SS316L-MS-150-NO-1-1-I-0-230V
Make	Accumax	Condition of DUC	Good

Details of Calibration Masters and Traceability

Lab ID	Description of Master	Traceability
TEQ33	Mass Flow meter, Make: Krohne, Model: IFS4000, Size: DN50, Serial No. G140000008505124, Range: 0 to 50 m ³ /hr	Traceable to National Standard through NABL Lab Certif. No CC-2400, Mumbai, Certificate No. 2021-22-CFC/MUM/311/2, Cal Date : 27/09/2021, Valid up to 27/09/2022

Details of Calibration Procedure and Reference Documents

Lab Procedure	Method of Calibration
Lab Procedure No. : COP/005-01	The calibration of DUC was carried out by comparison with Standard Ultrasonic flow meter by using Calibration Liquid as Water
Calibration Method is generally based	NABL 129-2019

Details of Environment Condition at the Time of Calibration

Temperature	25.7 °C	Relative Humidity	46 % Rh
Temperature of Calibration Liquid	25.3 °C	Density of Calibration Liquid	1.0 ± 0.002 Sp. Gr.

Uncertainty of Measurement refer next page

"The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$ such that the coverage probability corresponds to 95.45% confidence level



To verify the basic details of the Calibration Certificate kindly scan the QR code and follow the link provided.


Reviewed and Authorized by
Vinod Kotadiya (Tech. Manager)

Calibration Certificate

Certificate No	TC220216/6/1	Unique Lab Report (ULR) ID	CC285722000001016F
Date of Calibration	16/02/2022	Recommended Next Due Date*	16/02/2023

DISCIPLINE : FLUID FLOW CALIBRATION
GROUP : FLOW MEASURING DEVICES

Calibration Result

1.0 Calibration Result of DUC / Error of Measurement

Calibration is performed by considering the SI unit of Flow $1 \text{ m}^3/\text{hr} = 1 \text{ m}^3/\text{hr}$

Sr. No.	Reading on Master (m^3/hr)	Reading on DUC (m^3/hr)	Error (m^3/hr)	Error in % of Full Scale (%)	Expanded Uncertainty (%)	Coverage Factor
1	2.2187	2.15	-0.0687	-0.312	± 1.64	2.00
2	5.1695	5.11	-0.0595	-0.270	± 1.64	2.00
3	10.1619	10.07	-0.0919	-0.418	± 1.64	2.00
4	15.0683	14.99	-0.0783	-0.356	± 1.64	2.00
5	20.9898	20.90	-0.0898	-0.408	± 1.64	2.00

General Remarks

- Reporting of DUC/Master Reading is an average of five readings
- The reading has been rounded off wherever applicable
- Calibration is performed without doing any adjustment in its original condition at time of receipt/calibration, unless mentioned herein
- The calibration results relate only to the item calibrated and result reported in the certificate are valid at the time of and under the stated conditions of measurement.
- The Calibration certificate shall not be reproduced except in full, without written permission of the Laboratory
- *Recommended Next Due Date is reported as per requisition of customer

-- End of Certificate --



To verify the basic details of the Calibration Certificate kindly scan the QR code and follow the link provided.


Reviewed and Authorized by
Vinod Kotadiya (Tech. Manager)