



DEVBHOOMI TESTING LABORATORY DEHRADUN

NABL Accredited, Govt. Approved, MSME Registered, & ISO : 9001:2015 & 14001: 2015 Certified Laboratory

Neelkanth Enclave, Harbhajwala, Telpur Chowk, Shimla By Pass Road, Dehradun 248171

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Email: devbhoomilab@gmail.com

TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0804/05
Sample Id: 08042025/05	Date of Report: 16/04/2025
Sample Quantity: As per requirement	Date of Sampling: 08/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 11/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 16/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W: Construction of 18m Span RCC Motor bridge in km 4, at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: L.H.S (Km-04)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10µm), µg/m ³ (24 hrs)	73.9	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 µm), µg/m ³ (24 hrs)	51.7	60 Max.	60 Max.
3	Sulphur Dioxide, µg/m ³ (24 hrs.)	28.9	80 Max.	80 Max.
4	Oxides of Nitrogen, µg/m ³ (24 hrs.)	26.9	80 Max.	80 Max.
5	Carbon Mono Oxide, µg/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: *Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

*****End of Report*****



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Authorised Signatory

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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0804/06
Sample Id: 08042025/06	Date of Report: 16/04/2025
Sample Quantity: As per requirement	Date of Sampling: 08/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 11/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 16/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 18m Span RCC Motor bridge in km 4, at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: R.H.S(Km-04)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10 μ m), μ g/m ³ (24 hrs)	75.7	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 μ m), μ g/m ³ (24 hrs)	53.6	60 Max.	60 Max.
3	Sulphur Dioxide, μ g/m ³ (24 hrs.)	29.6	80 Max.	80 Max.
4	Oxides of Nitrogen, μ g/ m ³ (24 hrs.)	29.4	80 Max.	80 Max.
5	Carbon Mono Oxide, μ g/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0704/42
Sample Id: 07042025/42	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W: Construction of 15 m Span RCC Motor bridge in km 8-(HM 2-4), at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: L.H.S (Km-8)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10 μ m), μ g/m ³ (24 hrs)	73.6	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 μ m), μ g/m ³ (24 hrs)	55.6	60 Max.	60 Max.
3	Sulphur Dioxide, μ g/m ³ (24 hrs.)	28.9	80 Max.	80 Max.
4	Oxides of Nitrogen, μ g/ m ³ (24 hrs.)	31.8	80 Max.	80 Max.
5	Carbon Mono Oxide, μ g/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

*****End of Report*****


Technical Manager
Dehradun

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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0704/43
Sample Id: 07042025/43	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 15 m Span RCC Motor bridge in km 8-(HM 2-4), at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: R.H.S (Km-8)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10 μ m), μ g/m ³ (24 hrs)	76.8	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 μ m), μ g/m ³ (24 hrs)	53.6	60 Max.	60 Max.
3	Sulphur Dioxide, μ g/m ³ (24 hrs.)	26.67	80 Max.	80 Max.
4	Oxides of Nitrogen, μ g/ m ³ (24 hrs.)	30.28	80 Max.	80 Max.
5	Carbon Mono Oxide, μ g/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

*****End of Report*****


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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0704/44
Sample Id: 07042025/44	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 30m Span Steel Truss Motor bridge in km 8-(HM 8-10), at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: L.H.S (Km-8)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10µm), µg/m ³ (24 hrs)	75.60	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 µm), µg/m ³ (24 hrs)	53.26	60 Max.	60 Max.
3	Sulphur Dioxide, µg/m ³ (24 hrs.)	14.80	80 Max.	80 Max.
4	Oxides of Nitrogen, µg/ m ³ (24 hrs.)	29.62	80 Max.	80 Max.
5	Carbon Mono Oxide, µg/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0704/45
Sample Id: 07042025/45	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 30m Span Steel Truss Motor bridge in km 8-(HM 8-10), at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: R.H.S (Km-8)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10µm), µg/m ³ (24 hrs)	75.60	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 µm), µg/m ³ (24 hrs)	53.26	60 Max.	60 Max.
3	Sulphur Dioxide, µg/m ³ (24 hrs.)	14.80	80 Max.	80 Max.
4	Oxides of Nitrogen, µg/m ³ (24 hrs.)	29.62	80 Max.	80 Max.
5	Carbon Mono Oxide, µg/m ³	ND	02*, 04#	02*, 04#

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0704/46
Sample Id: 07042025/46	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W: Construction of 24 m Span Steel Truss Motor bridge in km 12, at Nandprayag Ghat Motorway under U-PREPARE Project	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: L.H.S (Km-12)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10µm), µg/m ³ (24 hrs)	77.62	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 µm), µg/m ³ (24 hrs)	55.62	60 Max.	60 Max.
3	Sulphur Dioxide, µg/m ³ (24 hrs.)	28.69	80 Max.	80 Max.
4	Oxides of Nitrogen, µg/m ³ (24 hrs.)	34.56	80 Max.	80 Max.
5	Carbon Mono Oxide, µg/m ³	ND	02*, 04#	02*, 04#

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

Note: * Maximum limits for 8 hourly monitoring, # Maximum limits for 1 hourly monitoring.

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TEST REPORT

Description of Sample: Air Quality Monitoring	Report No.: DTL/DDN/2025/0704/47
Sample Id: 07042025/47	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 24 m Span Steel Truss Motor bridge in km 12, at Nandprayag Ghat Motorway under U-PREPARE Project	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Location: R.H.S (Km-12)

S. No.	Parameters	Test Value	Requirement as per National Ambient Air Quality Standards CPCB	
			Industrial, Rural & other area	Sensitive Area
1	Particulate Matter (size < 10µm), µg/m ³ (24 hrs)	78.89	100 Max.	100 Max.
2	Particulate Matter (size < 2.5 µm), µg/m ³ (24 hrs)	55.32	60 Max.	60 Max.
3	Sulphur Dioxide, µg/m ³ (24 hrs.)	29.68	80 Max.	80 Max.
4	Oxides of Nitrogen, µg/ m ³ (24 hrs.)	33.46	80 Max.	80 Max.
5	Carbon Mono Oxide, µg/ m ³	ND	02*, 04 [#]	02*, 04 [#]

Protocol Used: IS: 5182 (P-2, 3 & 23), CPCB Guidelines.

Note: ND stands for Non-Detectable.

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