



# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)  
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Project Name& Address : M/s ASD RKC J.V  
Village - Kheri Battar, Plot No.2, Tehsil - Charkhi Dadri,  
Dist - Bhiwani (HR)  
Sample No. : VEL/ASD/M/01-26  
Report No. : VEL/AA/ 2110-2112/01-26  
Reporting Date : 06/01/2022  
Testing Protocol/Method : As per CPCB/SPCB/MoEF&CC/IS-5182  
Name of Monitoring Location : Near Main Gate (AAQ-1)

### AMBIENT AIR QUALITY MONITORING RESULTS

| Sampling dates | PM 2.5 ( $\mu\text{g}/\text{m}^3$ ) | PM10 ( $\mu\text{g}/\text{m}^3$ ) | NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | CO (mg/m <sup>3</sup> ) |
|----------------|-------------------------------------|-----------------------------------|--|--|-------------------------|
| 02-10-2021     | 50.7                                | 89.2                              | 22.3   | 13.2   | 0.87                    |
| 07-10-2021     | 46.3                                | 85.4                              | 25.7   | 15.5   | 0.86                    |
| 11-10-2021     | 54.4                                | 93.1                              | 28.8   | 16.1   | 0.75                    |
| 14-10-2021     | 51.2                                | 90.8                              | 24.5   | 15.8   | 0.89                    |
| 18-10-2021     | 54.7                                | 93.7                              | 22.9   | 16.7   | 0.84                    |
| 22-10-2021     | 50.8                                | 89.6                              | 22.4   | 14.8   | 0.73                    |
| 25-10-2021     | 52.1                                | 91.4                              | 27.1   | 14.3   | 0.86                    |
| 28-10-2021     | 47.5                                | 86.1                              | 23.2   | 13.1   | 0.91                    |
| 30-10-2021     | 53.2                                | 92.9                              | 25.6   | 15.5   | 0.72                    |
| 04-11-2021     | 45.3                                | 84.2                              | 21.2   | 13.2   | 0.78                    |
| 08-11-2021     | 50.7                                | 89.7                              | 25.4   | 14.4   | 0.90                    |
| 11-11-2021     | 46.4                                | 85.5                              | 21.1   | 13.8   | 0.86                    |
| 13-11-2021     | 49.3                                | 88.3                              | 23.3   | 15.2   | 0.63                    |
| 18-11-2021     | 43.5                                | 85.1                              | 22.5   | 14.6   | 0.71                    |
| 22-11-2021     | 53.1                                | 90.8                              | 21.5   | 12.1   | 0.75                    |
| 25-11-2021     | 50.9                                | 89.7                              | 22.6   | 14.5   | 0.86                    |
| 29-11-2021     | 49.4                                | 84.8                              | 21.7   | 13.8   | 0.69                    |
| 02-12-2021     | 51.6                                | 89.4                              | 23.8   | 14.7   | 0.71                    |
| 06-12-2021     | 53.8                                | 92.9                              | 26.9   | 12.6   | 0.82                    |
| 09-12-2021     | 54.6                                | 93.2                              | 28.4   | 16.2   | 0.89                    |
| 13-12-2021     | 49.4                                | 88.4                              | 24.1   | 15.4   | 0.84                    |
| 16-12-2021     | 47.7                                | 86.4                              | 23.5   | 13.8   | 0.85                    |
| 20-12-2021     | 52.3                                | 91.7                              | 27.5   | 12.3   | 0.86                    |
| 24-12-2021     | 53.1                                | 92.5                              | 26.6   | 13.8   | 0.81                    |
| 27-12-2021     | 47.1                                | 86.6                              | 25.1   | 14.4   | 0.92                    |
| 31-12-2021     | 45.9                                | 84.9                              | 21.9   | 12.9   | 0.88                    |
| Average        | 50.19                               | 89.09                             | 24.22  | 14.33  | 0.82                    |
| Maximum        | 54.7                                | 93.7                              | 28.8   | 16.7   | 0.92                    |
| Minimum        | 43.5                                | 84.2                              | 21.1   | 12.1   | 0.63                    |
| NAAQS@ Limit   | 60                                  | 100                               | 80   | 80   | 4                       |

Note: - "NAAQ Standards - National Ambient Air Quality Standards: Schedule-VII. [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)  
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## Test Report

Project Name& Address : M/s ASD RKC J.V  
Village - Kheri Battar, Plot No.2, Tehsil - Charkhi Dadri,  
Dist - Bhiwani (HR)  
Sample No. : VEL/ASD/M/26-52  
Report No. : VEL/AA/ 2110-2112/27-52  
Reporting Date : 06/01/2022  
Testing Protocol/Method : As per CPCB/SPCB/MoEF&CC/IS-5182  
Name of Monitoring Location : Near Office Area (AAQ-2)

### AMBIENT AIR QUALITY MONITORING RESULTS

| Sampling dates | PM 2.5 ( $\mu\text{g}/\text{m}^3$ ) | PM10 ( $\mu\text{g}/\text{m}^3$ ) | NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | CO ( $\text{mg}/\text{m}^3$ ) |
|----------------|-------------------------------------|-----------------------------------|--|--|-------------------------------|
| 02-10-2021     | 47.5                                | 88.5                              | 23.5   | 14.5   | 0.89                          |
| 07-10-2021     | 52.2                                | 95.4                              | 22.8   | 15.7   | 0.76                          |
| 11-10-2021     | 51.3                                | 91.3                              | 23.2   | 15.6   | 0.78                          |
| 14-10-2021     | 55.2                                | 96.5                              | 30.5   | 18.4   | 0.69                          |
| 18-10-2021     | 48.2                                | 89.2                              | 24.8   | 15.2   | 0.74                          |
| 22-10-2021     | 52.4                                | 92.2                              | 27.2   | 16.1   | 0.95                          |
| 25-10-2021     | 48.3                                | 89.4                              | 24.4   | 15.7   | 0.92                          |
| 28-10-2021     | 55.3                                | 96.3                              | 30.6   | 18.2   | 0.89                          |
| 30-10-2021     | 53.2                                | 94.3                              | 24.7   | 17.2   | 0.81                          |
| 04-11-2021     | 52.1                                | 92.2                              | 26.1   | 16.3   | 0.85                          |
| 08-11-2021     | 47.5                                | 88.6                              | 23.6   | 14.5   | 0.73                          |
| 11-11-2021     | 53.3                                | 94.3                              | 24.1   | 17.4   | 0.66                          |
| 13-11-2021     | 47.1                                | 88.2                              | 22.6   | 14.6   | 0.78                          |
| 18-11-2021     | 50.4                                | 90.4                              | 24.2   | 15.2   | 0.88                          |
| 22-11-2021     | 54.2                                | 95.2                              | 28.2   | 19.3   | 0.85                          |
| 25-11-2021     | 48.3                                | 89.3                              | 23.2   | 14.1   | 0.89                          |
| 29-11-2021     | 55.1                                | 96.1                              | 30.2   | 18.2   | 0.92                          |
| 02-12-2021     | 51.5                                | 92.4                              | 24.3   | 16.5   | 0.94                          |
| 06-12-2021     | 49.1                                | 90.1                              | 23.1   | 19.4   | 0.89                          |
| 09-12-2021     | 49.2                                | 95.3                              | 28.3   | 17.5   | 0.76                          |
| 13-12-2021     | 50.2                                | 91.2                              | 25.3   | 15.7   | 0.89                          |
| 16-12-2021     | 47.8                                | 88.8                              | 23.2   | 14.8   | 0.69                          |
| 20-12-2021     | 54.2                                | 96.3                              | 30.4   | 18.3   | 0.79                          |
| 24-12-2021     | 46.2                                | 87.1                              | 25.1   | 14.1   | 0.88                          |
| 27-12-2021     | 48.1                                | 89.1                              | 30.3   | 18.3   | 0.66                          |
| 31-12-2021     | 47.3                                | 88.4                              | 22.4   | 14.7   | 0.71                          |
| Average        | 50.58                               | 91.77                             | 25.63  | 16.37  | 0.82                          |
| Maximum        | 55.3                                | 96.5                              | 30.6   | 19.4   | 0.95                          |
| Minimum        | 46.2                                | 87.1                              | 22.4   | 14.1   | 0.66                          |
| NAAQS@ Limit   | 60                                  | 100                               | 80   | 80   | 4                             |

Note: - \*NAAQ Standards - National Ambient Air Quality Standards: Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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## Test Report

Project Name& Address : M/s ASD RKC J.V  
Village - Kheri Battar, Plot No.2, Tehsil - Charkhi Dadri,  
Dist - Bhiwani (HR)  
Sample No. : VEL/ASD/M/53-78  
Report No. : VEL/AA/ 2110-2112/53-78  
Reporting Date : 06/01/2022  
Testing Protocol/Method : As per CPCB/SPCB/MoEF&CC/IS-5182  
Name of Monitoring Location : Back Side Area (AAQ-3)

### AMBIENT AIR QUALITY MONITORING RESULTS

| Sampling dates | PM 2.5 ( $\mu\text{g}/\text{m}^3$ ) | PM10 ( $\mu\text{g}/\text{m}^3$ ) | NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | CO ( $\text{mg}/\text{m}^3$ ) |
|----------------|-------------------------------------|-----------------------------------|--|--|-------------------------------|
| 02-10-2021     | 48.7                                | 88.2                              | 22.3   | 13.2   | 0.82                          |
| 07-10-2021     | 44.5                                | 84.5                              | 21.9   | 11.5   | 0.79                          |
| 11-10-2021     | 50.4                                | 91.4                              | 26.7   | 12.4   | 0.77                          |
| 14-10-2021     | 48.7                                | 88.7                              | 22.8   | 13.8   | 0.64                          |
| 18-10-2021     | 44.8                                | 84.3                              | 21.6   | 11.3   | 0.79                          |
| 22-10-2021     | 47.8                                | 87.6                              | 20.8   | 12.6   | 0.62                          |
| 25-10-2021     | 49.1                                | 90.4                              | 25.4   | 14.3   | 0.81                          |
| 28-10-2021     | 47.4                                | 87.2                              | 21.4   | 12.1   | 0.86                          |
| 30-10-2021     | 50.9                                | 90.1                              | 25.1   | 14.5   | 0.85                          |
| 04-11-2021     | 51.5                                | 91.9                              | 26.9   | 15.2   | 0.82                          |
| 08-11-2021     | 45.3                                | 85.1                              | 20.5   | 11.4   | 0.71                          |
| 11-11-2021     | 50.6                                | 91.5                              | 26.5   | 15.8   | 0.86                          |
| 13-11-2021     | 49.4                                | 89.4                              | 21.8   | 14.2   | 0.84                          |
| 18-11-2021     | 45.2                                | 85.8                              | 23.9   | 12.5   | 0.77                          |
| 22-11-2021     | 42.1                                | 82.2                              | 22.3   | 11.1   | 0.72                          |
| 25-11-2021     | 49.8                                | 89.7                              | 21.6   | 14.5   | 0.76                          |
| 29-11-2021     | 44.9                                | 84.4                              | 20.9   | 12.8   | 0.78                          |
| 02-12-2021     | 41.3                                | 82.3                              | 21.3   | 11.7   | 0.68                          |
| 06-12-2021     | 49.1                                | 86.6                              | 22.9   | 12.6   | 0.85                          |
| 09-12-2021     | 50.8                                | 90.8                              | 25.8   | 15.6   | 0.78                          |
| 13-12-2021     | 49.6                                | 86.5                              | 21.8   | 12.4   | 0.67                          |
| 16-12-2021     | 51.3                                | 89.1                              | 23.4   | 14.8   | 0.84                          |
| 20-12-2021     | 48.9                                | 86.5                              | 20.5   | 11.5   | 0.73                          |
| 24-12-2021     | 50.7                                | 89.6                              | 22.8   | 14.8   | 0.75                          |
| 27-12-2021     | 52.1                                | 90.7                              | 25.6   | 13.4   | 0.66                          |
| 31-12-2021     | 48.8                                | 85.8                              | 21.7   | 11.8   | 0.93                          |
| Average        | 48.22                               | 87.70                             | 23.01  | 13.15  | 0.77                          |
| Maximum        | 52.1                                | 91.9                              | 26.9   | 15.8   | 0.93                          |
| Minimum        | 41.3                                | 82.2                              | 20.5   | 11.1   | 0.62                          |
| NAAQS@ Limit   | 60                                  | 100                               | 80   | 80   | 4                             |

Note: - "NAAQ Standards – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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