

NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, KAKINADA

**NOISE LEVEL MEASUREMENT REPORT –OCTOBER- 2016**

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Date of Measurement : 29.10.2016 | Time of measurement: 10:00 & 22:00    |
| Equipment Serial Number: 53101   | Date of calibration: 29.10.2016 -Self |
| Instrument make: Onosokki        | Instrument model: LA 5110             |
| Wind direction: Towards South    | Wind velocity: 4.0 KMPH               |

| Location | Sample Point                           | Reading (dB (A))     |                        | Applicable Standard | Status   |
|----------|--|----------------------|------------------------|---------------------|----------|
|          |  | Day time (10.00 hrs) | Night time (22:00 hrs) |                     |          |
| A        | Gate house                             | 53.0                 | 50.5                   | EP Act, 1986        | Complied |
| B        | North East corner (Behind ETP)         | 52.4                 | 48.5                   |                     | Complied |
| C        | South East corner (Security East gate) | 47.6                 | 51.7                   |                     | Complied |
| D        | Rail gate, boundary wall               | 54.2                 | 57.2                   |                     | Complied |

|  |   |
|--|---|
| Note: Permissible Noise level as per EP Act, 1986: Day time (6:00 AM to 10:00 PM) – 75 dB (A), Night time (10:00 PM to 06:00 AM) – 70 dB (A) |   |
| Checked by: VSM / MSN / KTA<br>Date: 29.10.2016  | Reviewed by: A V S Raju<br>Date: 29.10.2016 |

Distributed to:  
DGM (Lab & Environment)  
DGM (Mech Services)

NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, KAKINADA

**NOISE LEVEL MEASUREMENT REPORT – NOVEMBER- 2016**

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Date of Measurement : 25.11.2016 | Time of measurement: 10:00 & 22:00    |
| Equipment Serial Number: 2G 2556 | Date of calibration: 25.11.2016 -Self |
| Instrument make: Mechanalysis    | Instrument model: 308M                |
| Wind direction: Towards South    | Wind velocity: 3.4 KMPH               |

| Location | Sample Point                           | Reading (dB (A))     |                        | Applicable Standard | Status   |
|----------|--|----------------------|------------------------|---------------------|----------|
|          |  | Day time (10.00 hrs) | Night time (22:00 hrs) |                     |          |
| A        | Gate house                             | 54.5                 | 55.0                   | EP Act, 1986        | Complied |
| B        | North East corner (Behind ETP)         | 53.5                 | 52.0                   |                     | Complied |
| C        | South East corner (Security East gate) | 50.5                 | 51.0                   |                     | Complied |
| D        | Rail gate, boundary wall               | 52.0                 | 54.5                   |                     | Complied |

Note: Permissible Noise level as per EP Act, 1986: Day time (6:00 AM to 10:00 PM) – 75 dB (A), Night time (10:00 PM to 06:00 AM) – 70 dB (A)

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|---|---|
| Checked by: CAN / MSN / VAN<br>Date: 25.11.2016 | Reviewed by: A V S Raju<br>Date: 28.11.2016 |
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NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, KAKINADA

**NOISE LEVEL MEASUREMENT REPORT – DECEMBER- 2016**

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Date of Measurement : 30.12.2016 | Time of measurement: 10:00 & 22:00    |
| Equipment Serial Number: 2G 2556 | Date of calibration: 30.12.2016 -Self |
| Instrument make: Mechanalysis    | Instrument model: 308M                |
| Wind direction: Towards West     | Wind velocity: 3.4 KMPH               |

| Location | Sample Point                           | Reading (dB (A))     |                        | Applicable Standard | Status   |
|----------|--|----------------------|------------------------|---------------------|----------|
|          |  | Day time (10.00 hrs) | Night time (22:00 hrs) |                     |          |
| A        | Gate house                             | 55.5                 | 54.5                   | EP Act, 1986        | Complied |
| B        | North East corner (Behind ETP)         | 52.5                 | 52.0                   |                     | Complied |
| C        | South East corner (Security East gate) | 51.0                 | 50.0                   |                     | Complied |
| D        | Rail gate, boundary wall               | 53.0                 | 53.5                   |                     | Complied |

|  |   |
|--|---|
| Note: Permissible Noise level as per EP Act, 1986: Day time (6:00 AM to 10:00 PM) – 75 dB (A), Night time (10:00 PM to 06:00 AM) – 70 dB (A) |   |
| Checked by: CAN / VSM / VVSV<br>Date: 30.12.2016   | Reviewed by: A V S Raju<br>Date: 03.01.2017 |

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NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, KAKINADA

**NOISE LEVEL MEASUREMENT REPORT –JANUARY- 2017**

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Date of Measurement : 27.01.2017 | Time of measurement: 10:00 & 22:00    |
| Equipment Serial Number: 53101   | Date of calibration: 27.01.2017 -Self |
| Instrument make: Onosokki        | Instrument model: LA5110              |
| Wind direction: Towards WEST     | Wind velocity: 0.7 KMPH               |

| Location | Sample Point                           | Reading (dB (A))     |                        | Applicable Standard | Status   |
|----------|--|----------------------|------------------------|---------------------|----------|
|          |  | Day time (10.00 hrs) | Night time (22:00 hrs) |                     |          |
| A        | Gate house                             | 56.6                 | 55.0                   | EP Act, 1986        | Complied |
| B        | North East corner (Behind ETP)         | 52.8                 | 53.0                   |                     | Complied |
| C        | South East corner (Security East gate) | 50.0                 | 50.8                   |                     | Complied |
| D        | Rail gate, boundary wall               | 52.3                 | 54.2                   |                     | Complied |

Note: Permissible Noise level as per EP Act, 1986: Day time (6:00 AM to 10:00 PM) – 75 dB (A), Night time (10:00 PM to 06:00 AM) – 70 dB (A)

|   |   |
|---|---|
| Checked by: CAN / MMK / VAN<br>Date: 27.01.2017 | Reviewed by: A V S Raju<br>Date: 01.02.2017 |
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NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, KAKINADA

**NOISE LEVEL MEASUREMENT REPORT –FEBRUARY- 2017**

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Date of Measurement : 28.02.2017 | Time of measurement: 10:00 & 22:00    |
| Equipment Serial Number: 53101   | Date of calibration: 28.02.2017 -Self |
| Instrument make: Onosokki        | Instrument model: LA5110              |
| Wind direction: Towards south    | Wind velocity: 2.6 KMPH               |

| Location | Sample Point                           | Reading (dB (A))     |                        | Applicable Standard | Status   |
|----------|--|----------------------|------------------------|---------------------|----------|
|          |  | Day time (10.00 hrs) | Night time (22:00 hrs) |                     |          |
| A        | Gate house                             | 50.8                 | 49.5                   | EP Act, 1986        | Complied |
| B        | North East corner (Behind ETP)         | 52.9                 | 50.2                   |                     | Complied |
| C        | South East corner (Security East gate) | 52.4                 | 50.5                   |                     | Complied |
| D        | Rail gate, boundary wall               | 51.8                 | 51.3                   |                     | Complied |

|  |   |
|--|---|
| Note: Permissible Noise level as per EP Act, 1986: Day time (6:00 AM to 10:00 PM) – 75 dB (A), Night time (10:00 PM to 06:00 AM) – 70 dB (A) |   |
| Checked by: CAN / VVSV / VAN<br>Date: 28.02.2017   | Reviewed by: A V S Raju<br>Date: 02.03.2017 |

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NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, KAKINADA

**NOISE LEVEL MEASUREMENT REPORT – MARCH- 2017**

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Date of Measurement : 31.03.2017   | Time of measurement: 10:00 & 22:00    |
| Equipment Serial Number: 53101     | Date of calibration: 31.03.2017 -Self |
| Instrument make: Onosokki          | Instrument model: LA5110              |
| Wind direction: Towards south East | Wind velocity: 3.8 KMPH               |

| Location | Sample Point                           | Reading (dB (A))     |                        | Applicable Standard | Status   |
|----------|--|----------------------|------------------------|---------------------|----------|
|          |  | Day time (10.00 hrs) | Night time (22:00 hrs) |                     |          |
| A        | Gate house                             | 46.2                 | 48.5                   | EP Act, 1986        | Complied |
| B        | North East corner (Behind ETP)         | 51.0                 | 52.2                   |                     | Complied |
| C        | South East corner (Security East gate) | 52.1                 | 48.5                   |                     | Complied |
| D        | Rail gate, boundary wall               | 41.8                 | 46.4                   |                     | Complied |

|  |   |
|--|---|
| Note: Permissible Noise level as per EP Act, 1986: Day time (6:00 AM to 10:00 PM) – 75 dB (A), Night time (10:00 PM to 06:00 AM) – 70 dB (A) |   |
| Checked by: VSV / MPB<br>Date: 31.03.2017  | Reviewed by: A V S Raju<br>Date: 31.03.2017 |

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