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| **7 DE Admin. Code 1130**  **Title V State Operating Permit Program**  **GOOD ENGINEERING PRACTICE (GEP)**  ***STACK HEIGHT DETERMINATION***  **Division of Air Quality** | **AQM-1001N** |

Emission Point #:

Source Name:       Emissions Unit #:

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| **EXHAUST POINT INFORMATION** | | |
| 1. Flow diagram designation of exhaust point: | | |
| 2. Description of emission point (stack, vent, roof monitor, indoors, etc.). If the exhaust point discharges indoors, complete Items 3 through 11 for the building nearest to the process operations emissions unit. | | |
| 3. Distance to nearest plant boundary from exhaust point discharge *(ft)*: | | |
| 4. Discharge height above grade *(ft)*: | | |
| 5. Good Engineering Practice *(GEP)* height, if known *(ft)*: | | |
| 6. Diameter (or equivalent diameter) of exhaust point *(ft)*: | | |
| 7. Exit gas flow rate: | Maximum:       acfm | Minimum:       acfm |
| 8. Exit gas temperature: | @ Maximum flow rate:      ° | @ Minimum flow rate:      ° |
| 9. Direction of exhaust *(vertical, lateral, downward)*: | | |

NOTE: For a square or rectangular vent, the equivalent diameter is 1.128 time the square root of the stack’s cross-sectional area at the exit point.

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| **BUILDING DIMENSION INFORMATION** | | | |
| 10. Dimensions of Building on which exhaust point is located: | Length *(ft.)*: | Width *(ft.)*: | Height *(ft.)*: |
| 11. Distance to nearest building (ft.): | | | |
| 12. Dimensions of this nearest building: | Length *(ft.)*: | Width *(ft.)*: | Height *(ft.)*: |
| 13. List all emissions units and control devices serviced by this emissions point:   |  |  |  | | --- | --- | --- | | **NAME** |  | **FLOW DIAGRAM DESIGNATION** | | a) |  | | b) |  | | c) |  | | d) |  | | e) |  | | f) |  | | g) |  | | h) |  | | i) |  | | | | |

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