Fume Hood Face Velocity Readings

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Person Taking Readings: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Room # | Baffle | Grid 1 | Grid 2 | Grid 3 | Grid 4 | Grid 5 | Grid 6 | Average |
|  | Up |  |  |  |  |  |  |  |
|  | Center |  |  |  |  |  |  |  |
|  | Down |  |  |  |  |  |  |  |
|  | Up |  |  |  |  |  |  |  |
|  | Center |  |  |  |  |  |  |  |
|  | Down |  |  |  |  |  |  |  |
|  | Up |  |  |  |  |  |  |  |
|  | Center |  |  |  |  |  |  |  |
|  | Down |  |  |  |  |  |  |  |

1. Baffle settings: Up is for lighter than air fumes; center for normal procedures; down for heavier than air fumes.

1. For normal laboratory conditions, the face velocity value should average between 100-125. For highly toxic compounds, the value should average between 125-150.