|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TEST RESULTS** | | | | | | | | | | | | | | |
| **S.No** | **Room Name** | **Grill Code** | **Measured Air Velocity in FPM** | | | | | **Avg. Velocity (FPM)** | **Grill Area (ft²)** | **Grill CFM** | **Total Air Qty (CFM)** | **Room volume  (ft³)** | **No. of Air Changes Per Hour** | |
| **V1** | **V2** | **V3** | **V4** | **V5** | **Achieved** | **Designed** |
| 1 | 12345678 | S8 | 1788 | 8111 | 189 | 8989 | 9799 | 5775 | 0.89 | 5140 | 5140 | 7790 | 40 | **NLT-2** |
| 1 | 12345678 | S2 | 1565 | 61565 | 165 | 165 | 651 | 12822 | 5155 | 66097410 | 66097410 | 7790 | 509094 | **NMT-1989989898** |
| 1 | 12345678 | S2 | 0 | 09 | 09 | 09 | 090 | 23 | 9019 | 207437 | 207437 | 7790 | 1598 | **NMT-1** |
| 1 | 12345678 | L1 | 1898 | 19891 | 89 | 8198 | 9819 | 7979 | 0.98 | 7819 | 7819 | 7790 | 60 | **NMT-1** |
| 1 | RSVD-2 | S3 | 1898 | 189 | 89189 | 819 | 8981 | 20215 | 0.98 | 19811 | 19811 | 2078 | 572 | **NLT-20** |
| 1 | RSVD-3 | S3 | 1898 | 1898 | 1898 | 18989 | 18989 | 8734 | 0.89 | 7773 | 9866 | 2078 | 285 | **NLT-20** |
| S4 | 8789 | 898 | 89 | 898 | 8 | 2136 | 0.98 | 2093 |
| 1 | RSVD-3 | S4 | 1889 | 1898 | 1898 | 1898 | 89 | 1534 | 0.98 | 1503 | 9277 | 2078 | 268 | **NLT-20** |
| S6 | 1898 | 1899 | 18989 | 18989 | 1898 | 8735 | 0.89 | 7774 |

|  |  |
| --- | --- |
| **Note:** | The readings are taken at "150mm to 300 mm'' below the from Filter/Filter grill |
| **Calculation:** | |
|  | |