| **TEST RESULTS** | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Room Name** | **Grill Code** | **Measured Air Velocity in FPM** | | | | | **Avg. Velocity (FPM)** | **Grill Area (ft²)** | **Grill CFM** | **Total Air Quantity (CFM)** | **Room volume  (ft³)** | **No. of Air Changes Per Hour** | |
| **V1** | **V2** | **V3** | **V4** | **V5** | **Achieved** | **Designed** |
| 1 | RSVD-1 | S3 | 1898 | 1899 | 1765 | 1889 | 1790 | 1848 | 0.89 | 1645 | 5129 | 2058 | 150 | **NLT-20** |
| S4 | 1409 | 10876 | 1900 | 1811 | 1780 | 3555 | 0.98 | 3484 |
| 1 | RSVD-2 | S1 | 1899 | 1767 | 1800 | 1889 | 1888 | 1849 | 0.89 | 1646 | 3885 | 2058 | 113 | **NLT-20** |
| S2 | 1898 | 189818 | 989 | 81898 | 898 | 55100 | 0 | 0 |
| S3 | 7817 | 1778 | 1178 | 1789 | 1789 | 2870 | 0.78 | 2239 |

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