| **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 | S2 | 1788 | 1788 | 1676 | 178 | 1787 | 1443 | 0.98 | 1414 | 3094 | 2058 | 90 | **NLT-20** |
| S3 | 787 | 8 | 7687 | 878 | 78 | 1888 | 0.89 | 1680 |
| 1 | RSVD-2 | S2 | 1899 | 1898 | 1778 | 1787 | 17888 | 5050 | 0.89 | 4495 | 5367 | 2058 | 156 | **NLT-20** |
| S3` | 1898 | 1898 | 189 | 818 | 98 | 980 | 0.89 | 872 |

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