|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OCCUPANT LOAD** | | | | | | | |
| **FIRST FLOOR** | | | | | | | |
| **SPACE** | **Occ** | **Gain/person** | **Sensible** | **Latent** | **CLF** | **Qs (W)** | **Ql (W)** |
| Maintenance Office | 2 | 70 | 0.6 | 0.4 | 0.92 | 77.28 | 25.76 |
| Minor Operating Room | 3 | 150 | 0.5 | 0.5 | 0.92 | 207 | 69 |
| Examination/Treatment Area | 5 | 100 | 0.6 | 0.4 | 0.92 | 276 | 36.8 |
| Supply Room | 3 | 150 | 0.5 | 0.5 | 0.92 | 207 | 69 |
| Pharmacy | 2 | 150 | 0.5 | 0.5 | 0.92 | 138 | 69 |
| Medical Records Office | 2 | 150 | 0.55 | 0.45 | 0.92 | 151.8 | 62.1 |
| PHILHEALTH | 2 | 150 | 0.55 | 0.45 | 0.92 | 151.8 | 62.1 |
| Doctor's Duty | 1 | 100 | 0.6 | 0.4 | 0.92 | 55.2 | 36.8 |
| Nurse Station | 14 | 100 | 0.6 | 0.4 | 0.92 | 772.8 | 36.8 |
| Work Area Laboratory | 4 | 150 | 0.5 | 0.5 | 0.92 | 276 | 69 |
| OPD Clinic Dental | 2 | 150 | 0.5 | 0.5 | 0.92 | 138 | 69 |
| OPD Clinic Dental | 2 | 150 | 0.5 | 0.5 | 0.92 | 138 | 69 |
| OPD Clinic Surgery | 2 | 150 | 0.5 | 0.5 | 0.92 | 138 | 69 |
| OPD Clinic Surgery | 2 | 150 | 0.5 | 0.5 | 0.92 | 138 | 69 |
| Cashier | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| Billing | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| Admitting | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| Radiologist Office | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 69 |
| Dark Room | 1 | 100 | 0.6 | 0.4 | 0.92 | 55.2 | 36.8 |
| Control Booth | 3 | 100 | 0.6 | 0.4 | 0.92 | 165.6 | 36.8 |
| OPD Clinic Pedia | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 36.8 |
| OPD Clinic Pedia | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 36.8 |
| OPD info. And Admitting | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| OPD Clinic Medical | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 36.8 |
| OPD Clinic Medical | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 36.8 |
| Admin Office | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| Administrative Office | 4 | 150 | 0.55 | 0.45 | 0.92 | 303.6 | 62.1 |
| Social Welfare | 1 | 100 | 0.6 | 0.4 | 0.92 | 55.2 | 36.8 |
| OPD Info. And Admitting | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| OPD Records |  |  |  |  | 0.92 | 0 | 0 |
| Ultrasound | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 36.8 |
| Supply Receiving Area | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 69 |
| Dietician's Office | 1 | 150 | 0.55 | 0.45 | 0.92 | 75.9 | 62.1 |
| Dietary | 4 | 100 | 0.6 | 0.4 | 0.92 | 220.8 | 36.8 |
| Staff Dining | 5 | 100 | 0.6 | 0.4 | 0.92 | 276 | 36.8 |
| OPD clinic Ob-gyne | 3 | 100 | 0.6 | 0.4 | 0.92 | 165.6 | 36.8 |
| Canteen | 20 | 100 | 0.6 | 0.4 | 0.92 | 1104 | 36.8 |
|  |  |  |  |  | **Total** | **6432.18** | **1888.76** |
|  |  |  |  |  | **Total Load** | | **8320.94** |
|  |  |  |  |  |  |  |  |
| **SECOND FLOOR** | | | | | | | |
| **SPACE** | **Occ** | **Gain/person** | **Sensible** | **Latent** | **CLF** | **Qs (W)** | **Ql (W)** |
| 5-Bed Ward 1 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 87.5 |
| 5-Bed Ward 2 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 87.5 |
| 5-Bed Ward 3 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 87.5 |
| 5-Bed Ward 4 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 87.5 |
| Isolation Room 1 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Private Room 1 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Private Room 2 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Chief Nurse | 7 | 100 | 0.6 | 0.4 | 0.92 | 386.4 | 280 |
| Treatment Room | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Nurse Station | 5 | 100 | 0.6 | 0.4 | 0.92 | 276 | 200 |
| Dirty Utility | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 75 |
| Clean Linen | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 75 |
| Private Room 3 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Private Room 4 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Isolation Room 2 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Reception | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 80 |
| Private Room 5 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Chief of Hospital | 3 | 100 | 0.6 | 0.4 | 0.92 | 165.6 | 120 |
| 3-Bed Ward 1 | 3 | 70 | 0.75 | 0.25 | 0.92 | 144.9 | 52.5 |
| 3-Bed Ward 2 | 3 | 70 | 0.75 | 0.25 | 0.92 | 144.9 | 52.5 |
| Private Room 6 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Conference Room | 8 | 175 | 0.5 | 0.5 | 0.92 | 644 | 700 |
| 3-Bed Ward 3 | 3 | 70 | 0.75 | 0.25 | 0.92 | 144.9 | 52.5 |
| 3-Bed Ward 4 | 3 | 70 | 0.75 | 0.25 | 0.92 | 144.9 | 52.5 |
| Private Room 7 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Private Room 8 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 35 |
| Chief of Clinics | 5 | 150 | 0.55 | 0.45 | 0.92 | 379.5 | 337.5 |
| Delivery Room | 8 | 150 | 0.5 | 0.5 | 0.92 | 552 | 600 |
| Sub-Ster Room 1 | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 75 |
| Labor Room | 6 | 150 | 0.5 | 0.5 | 0.92 | 414 | 450 |
| Pathologic Nursery | 4 | 70 | 0.75 | 0.25 | 0.92 | 193.2 | 70 |
| Pre-mature nursery | 4 | 70 | 0.75 | 0.25 | 0.92 | 193.2 | 70 |
| Breastfeeding room | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 80 |
| Pre-operation area | 4 | 150 | 0.5 | 0.5 | 0.92 | 276 | 300 |
| Autoclave area | 3 | 100 | 0.6 | 0.4 | 0.92 | 165.6 | 120 |
| Sterile Supply room | 5 | 100 | 0.6 | 0.4 | 0.92 | 276 | 200 |
| Major Operating Room | 8 | 150 | 0.5 | 0.5 | 0.92 | 552 | 600 |
| Sub-Ster Room 2 | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 75 |
| Jan.Clo. | 1 | 150 | 0.5 | 0.5 | 0.92 | 69 | 75 |
| Clean up room | 3 | 150 | 0.5 | 0.5 | 0.92 | 207 | 225 |
| Sterile Instrument Supply Storage Area | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 80 |
| Anesthesia Office & Storage | 4 | 150 | 0.55 | 0.45 | 0.92 | 303.6 | 270 |
| Lounge Area | 3 | 150 | 0.5 | 0.5 | 0.92 | 207 | 225 |
| Recovery Room | 6 | 70 | 0.75 | 0.25 | 0.92 | 289.8 | 105 |
|  |  |  |  |  | **Total** | **8765.3** | **6432.5** |
|  |  |  |  |  | **Total Load** | | **15197.8** |
|  |  |  |  |  |  |  |  |
| **THIRD FLOOR** | | | | | | | |
| **SPACE** | **Occ** | **Gain/person** | **Sensible** | **Latent** | **CLF** | **Qs (W)** | **Ql (W)** |
| 5-Bed Ward 1 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 80.5 |
| 5-Bed Ward 2 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 80.5 |
| 5-Bed Ward 3 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 80.5 |
| 5-Bed Ward 4 | 5 | 70 | 0.75 | 0.25 | 0.92 | 241.5 | 80.5 |
| Isolation Room 1 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 1 | 1 | 70 | 0.75 | 0.25 | 0.92 | 48.3 | 16.1 |
| Private Room 2 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Chief Nurse | 7 | 150 | 0.55 | 0.45 | 0.92 | 531.3 | 434.7 |
| Treatment Room | 2 | 100 | 0.6 | 0.4 | 0.92 | 110.4 | 73.6 |
| Private Room 3 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 4 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Isolation Room 2 | 1 | 70 | 0.75 | 0.25 | 0.92 | 48.3 | 16.1 |
| Private Room 5 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 6 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| 3-Bed Ward 1 | 3 | 70 | 0.75 | 0.25 | 0.92 | 144.9 | 48.3 |
| 3-Bed Ward 2 | 3 | 70 | 0.75 | 0.25 | 0.92 | 144.9 | 48.3 |
| Private Room 7 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 8 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 9 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 10 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 11 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 12 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 13 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 14 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Solarium 1 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Solarium 2 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Admitting | 2 | 150 | 0.55 | 0.45 | 0.92 | 151.8 | 124.2 |
| Billing | 2 | 150 | 0.55 | 0.45 | 0.92 | 151.8 | 124.2 |
| Cashier | 2 | 150 | 0.55 | 0.45 | 0.92 | 151.8 | 124.2 |
| Personel's dining | 6 | 100 | 0.6 | 0.4 | 0.92 | 331.2 | 220.8 |
| Private Room 15 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
| Private Room 16 | 2 | 70 | 0.75 | 0.25 | 0.92 | 96.6 | 32.2 |
|  |  |  |  |  | **Total** | **4519.5** | **2132.1** |
|  |  |  |  |  | **Tota Load** | | **6651.6** |

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| --- | --- | --- | --- |
| **Summary of Data** | | | |
|  | **QS** | **QL** | **Q** |
| FIRST FLOOR | 6432.18 | 1888.76 | 8320.94 |
| SECOND FLOOR | 8765.3 | 6432.5 | 15197.8 |
| THIRD FLOOR | 4519.5 | 2132.1 | 6651.6 |
| TOTAL | **19716.98** | **10453.36** | **30170.34** |
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