

# 14 28 Elevator Equipment and Controls

## 14 28 10 – Elevator Equipment and Control Options

| 14 28 10.10 Elevator Controls and Doors |  | Crew   | Daily Output | Labor-Hours | Unit   | Material | 2022 Bare Costs |           | Total   | Total Incl O&P |
|---|--|--------|--------------|-------------|--------|----------|-----------------|-----------|---------|----------------|
|   |  |        |              |             |        |          | Labor           | Equipment |         |                |
| 4150                                    | 3 car group automatic controls                     | 2 Elev | .44          | 36.364      | Ea.    | 5,725    | 3,400           |           | 9,125   | 11,300         |
| 4175                                    | 4 car group automatic controls                     |        | .33          | 48.485      |        | 13,600   | 4,525           |           | 18,125  | 21,700         |
| 4200                                    | 5 car group automatic controls                     |        | .26          | 61.538      |        | 13,600   | 5,750           |           | 19,350  | 23,500         |
| 4225                                    | 6 car group automatic controls                     |        | .22          | 72.727      |        | 20,800   | 6,800           |           | 27,600  | 33,000         |
| 4250                                    | Intercom service                                   |        | 3            | 5.333       |        | 575      | 500             |           | 1,075   | 1,375          |
| 4275                                    | Duplex car selective collective                    |        | .66          | 24.242      |        | 4,400    | 2,275           |           | 6,675   | 8,200          |
| 4300                                    | Center opening 1 speed doors                       |        | 2            | 8           |        | 2,150    | 750             |           | 2,900   | 3,450          |
| 4325                                    | Center opening 2 speed doors                       |        | 2            | 8           |        | 2,850    | 750             |           | 3,600   | 4,225          |
| 4350                                    | Rear opening doors (opposite front)                |        | 2            | 8           |        | 4,650    | 750             |           | 5,400   | 6,200          |
| 4375                                    | Side opening 2 speed doors                         |        | 2            | 8           |        | 6,900    | 750             |           | 7,650   | 8,700          |
| 4400                                    | Automatic emergency power switching                |        | .66          | 24.242      |        | 1,300    | 2,275           |           | 3,575   | 4,775          |
| 4425                                    | Manual emergency power switching                   |        | 8            | 2           |        | 545      | 187             |           | 732     | 875            |
| 4675                                    | Hall finishes, stainless steel doors               |        |              |             |        | 1,600    |                 |           | 1,600   | 1,775          |
| 4700                                    | Stainless steel frames                             |        |              |             |        | 1,625    |                 |           | 1,625   | 1,775          |
| 4725                                    | 12 month maintenance contract                      |        |              |             |        |          |                 |           | 6,125   | 6,125          |
| 4750                                    | Signal devices, hall lanterns                      | 2 Elev | 8            | 2           |        | 540      | 187             |           | 727     | 870            |
| 4775                                    | Position indicators, up to 3                       |        | 9.40         | 1.702       |        | 370      | 159             |           | 529     | 640            |
| 4800                                    | Position indicators, per each over 3               |        | 32           | .500        |        | 99       | 47              |           | 146     | 179            |
| 4825                                    | High speed heavy duty door opener                  |        |              |             |        | 2,925    |                 |           | 2,925   | 3,200          |
| 4850                                    | Variable voltage, O.H. gearless machine, min.      | 2 Elev | .16          | 100         |        | 37,800   | 9,350           |           | 47,150  | 55,500         |
| 4865                                    | Maximum  |        | .07          | 229         |        | 82,000   | 21,400          |           | 103,400 | 121,500        |
| 4875                                    | Basement installed geared machine                  |        | .33          | 48.485      |        | 19,000   | 4,525           |           | 23,525  | 27,600         |
| 5000                                    | Drilling for piston, casing included, 18" diameter | B-48   | 80           | .700        | V.L.F. | 63.50    | 36              | 15.30     | 114.80  | 140            |

# 14 31 Escalators

## 14 31 10 – Glass and Steel Escalators

### 14 31 10.10 Escalators

| 0010 ESCALATORS |   |     |     |     |     |         |        |       |         |         |
|-----------------|---|-----|-----|-----|-----|---------|--------|-------|---------|---------|
| 1000            | Glass, 32" wide x 10' floor to floor height           | M-1 | .07 | 457 | Ea. | 93,000  | 40,600 | 4,900 | 138,500 | 168,000 |
| 1010            | 48" wide x 10' floor to floor height                  |     | .07 | 457 |     | 100,500 | 40,600 | 4,900 | 146,000 | 176,000 |
| 1020            | 32" wide x 15' floor to floor height                  |     | .06 | 533 |     | 98,500  | 47,400 | 5,700 | 151,600 | 185,000 |
| 1030            | 48" wide x 15' floor to floor height                  |     | .06 | 533 |     | 104,500 | 47,400 | 5,700 | 157,600 | 191,000 |
| 1040            | 32" wide x 20' floor to floor height                  | M-1 | .05 | 653 | Ea. | 104,500 | 58,000 | 7,000 | 169,500 | 208,500 |
| 1050            | 48" wide x 20' floor to floor height                  |     | .05 | 653 |     | 113,500 | 58,000 | 7,000 | 178,500 | 218,000 |
| 1060            | 32" wide x 25' floor to floor height                  |     | .04 | 800 |     | 116,000 | 71,000 | 8,550 | 195,550 | 242,500 |
| 1070            | 48" wide x 25' floor to floor height                  |     | .04 | 800 |     | 134,000 | 71,000 | 8,550 | 213,550 | 262,000 |
| 1080            | Enameled steel, 32" wide x 10' floor to floor height  |     | .07 | 457 |     | 101,000 | 40,600 | 4,900 | 146,500 | 176,500 |
| 1090            | 48" wide x 10' floor to floor height                  |     | .07 | 457 |     | 110,500 | 40,600 | 4,900 | 156,000 | 187,000 |
| 1110            | 32" wide x 15' floor to floor height                  |     | .06 | 533 |     | 108,000 | 47,400 | 5,700 | 161,100 | 195,500 |
| 1120            | 48" wide x 15' floor to floor height                  |     | .06 | 533 |     | 112,000 | 47,400 | 5,700 | 165,100 | 200,000 |
| 1130            | 32" wide x 20' floor to floor height                  |     | .05 | 653 |     | 114,500 | 58,000 | 7,000 | 179,500 | 219,500 |
| 1140            | 48" wide x 20' floor to floor height                  |     | .05 | 653 |     | 124,000 | 58,000 | 7,000 | 189,000 | 230,000 |
| 1150            | 32" wide x 25' floor to floor height                  |     | .04 | 800 |     | 126,500 | 71,000 | 8,550 | 206,050 | 254,000 |
| 1160            | 48" wide x 25' floor to floor height                  |     | .04 | 800 |     | 144,000 | 71,000 | 8,550 | 223,550 | 273,500 |
| 1170            | Stainless steel, 32" wide x 10' floor to floor height |     | .07 | 457 |     | 108,000 | 40,600 | 4,900 | 153,500 | 184,000 |
| 1180            | 48" wide x 10' floor to floor height                  |     | .07 | 457 |     | 116,000 | 40,600 | 4,900 | 161,500 | 193,000 |
| 1500            | 32" wide x 15' floor to floor height                  |     | .06 | 533 |     | 115,000 | 47,400 | 5,700 | 168,100 | 203,000 |
| 1700            | 48" wide x 15' floor to floor height                  |     | .06 | 533 |     | 119,500 | 47,400 | 5,700 | 172,600 | 208,000 |
| 1750            | 32" wide x 18' floor to floor height                  |     | .05 | 615 |     | 144,500 | 54,500 | 6,575 | 205,575 | 247,500 |
| 1775            | 48" wide x 18' floor to floor height                  |     | .05 | 615 |     | 157,000 | 54,500 | 6,575 | 218,075 | 261,000 |
| 2300            | 32" wide x 25' floor to floor height                  |     | .04 | 800 |     | 144,000 | 71,000 | 8,550 | 223,550 | 273,500 |