
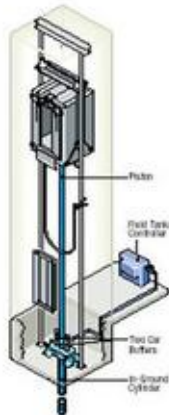





| BUILDING COMPONENT ANALYSES | BCA №:10 | | | SUBJECT: ELEVATOR | | | | NAME: CRISTINA MIRET ROMAN CLASS: CAHS72 | | |
|--|--|-------|---------|------------------------------|-------|------------|------|---|----------|----|
| <div>CONVENTIONAL HYDRAULIC PASSENGER ELEVATOR</div>  | BR demand: | | | | | | | | | OK |
| | Fire | Sound | U-value | Date: | Poor | Acceptable | Good | Remarks: | | |
| | REI 60 | | | Appearance: | | | x | CONVENTIONAL HYDRAULIC PASSENGER ELEVATOR Mechanically, this is the most balanced hydraulic elevator configuration since the lifting point is cantered on the load of the elevator car. Rigid frame and car construction provides excellent safety and stability. Computer controlled operation creates a smooth ride. Up to acoustics standards. | | |
| | | | | Life expectancy: | | | x | | | |
| | | | | Execution (of work): | | | x | | | |
| | Actual: | | | Operation & maintenance: | | | x | | | |
| | | | | Price: | | x | | | | |
| | | | | Environmental compatibility: | | x | | | | |
| | | | | | | | | | | |
| BR demand: | | | | | | | | Remarks: | | |
| <div>HOLELESS HYDRAULIC PASSENGER ELEVATOR</div>  | Fire | Sound | U-value | Date: | | | | Remarks: | | |
| | REI 60 | | | Appearance: | | x | | HOLELESS HYDRAULIC PASSENGER ELEVATOR A cantilevered platform is lifted by a jack that runs between the guide rails. This configuration cannot have rear entrances. | | |
| | | | | Life expectancy: | | | x | | | |
| | | | | Execution (of work): | | x | | | | |
| | Actual: | | | Operation & maintenance: | | | x | | | |
| | | | | Price: | | x | | | | |
| | | | | Environmental compatibility: | | x | | | | |
| | | | | | | | | | | |
| | BR demand | | | | | | | Remarks: | | |
| | <div>HOLELESS DUAL CYLINDER PASSENGER ELEVATOR</div>  | Fire | Sound | U-value | Date: | | | | Remarks: | |
| REI 60 | | | | Appearance: | | | x | HOLELESS DUAL CYLINDER PASSENGER ELEVATOR Two cylinders situated beside the rails lift a platform guided on the rails. This configuration can have front and rear entrances. The maximum travel is 4500 mm. Oil noise is greater than an in-ground. | | |
| | | | | Life expectancy: | | x | | | | |
| | | | | Execution (of work): | | | x | | | |
| Actual: | | | | Operation & maintenance: | | | x | | | |
| | | | | Price: | | x | | | | |
| | | | | Environmental compatibility: | | x | | | | |
| | | | | | | | | | | |

| | | | | | | | | | |
|--|-------|------------|------------------------------|---------|------------------------------|------|--|------|---|
| <div>ROPED HYDRAULIC PASSENGER ELEVATOR</div> <div></div> | | BR demand: | | | | | | | |
| | | Fire | Sound | U-value | Date: | Poor | Acceptable | Good | Remarks: |
| | | REI 60 | | | Appearance: | | x | | ROPED HYDRAULIC PASSENGER ELEVATOR A cantilevered platform is lifted by ropes that pass over a sheave fastened to the top of a hydraulic jack. This configuration cannot have rear entrances. |
| | | | | | Life expectancy: | | | x | |
| | | | | | Execution (of work): | | | x | |
| | | Actual: | | | Operation & maintenance: | | | x | |
| | | | | | Price: | | x | | |
| | | | | | Environmental compatibility: | | x | | |
| | | | | | | | | | |
| BR demand: | | | | | | | | | |
| Fire | Sound | U-value | Date: | | | | Remarks: | | |
| REI 60 | | | Appearance: | | x | | GEARED TRACTION PASSENGER ELEVATOR A conventional overhead geared machine with the car attached to cables that are counter-weighted over the drive sheave. The motor size and power consumption is significantly lower than hydraulic elevators, but the elevator and building costs are higher. It is safe, reliable, smooth, and comfortable. Controlled by the computer, easy to operate. | | |
| | | | Life expectancy: | | | x | | | |
| | | | Execution (of work): | | x | | | | |
| Actual: | | | Operation & maintenance: | | | x | | | |
| | | | Price: | x | | | | | |
| | | | Environmental compatibility: | | | x | | | |
| | | | | | | | | | |

| | | | | | | | | | |
|--|--|------------|-------|---------|------------------------------|---|---|---|--|
| <div>GEARED TRACTION PASSENGER ELEVATOR</div> <div><div>Cab & Entrance</div></div> | | BR demand: | | | | | | | |
| | | Fire | Sound | U-value | Date: | | | | Remarks: |
| | | REI 60 | | | Appearance: | | x | | GEARED TRACTION PASSENGER ELEVATOR A conventional overhead geared machine with the car attached to cables that are counter-weighted over the drive sheave. The motor size and power consumption is significantly lower than hydraulic elevators, but the elevator and building costs are higher. It is safe, reliable, smooth, and comfortable. Controlled by the computer, easy to operate. |
| | | | | | Life expectancy: | | | x | |
| | | | | | Execution (of work): | | x | | |
| | | Actual: | | | Operation & maintenance: | | | x | |
| | | | | | Price: | x | | | |
| | | | | | Environmental compatibility: | | | x | |
| | | | | | | | | | |