

GUIDE REPOSITIONING METHOD STATEMENT GRENFELL TOWER

1. Sign in and report to customer, if required.
2. All engineers to use the appropriate personal protection equipment.
3. Work safely to Apex Health & Safety Policy.
4. Comply with any special customer requirements and The Royal Borough of Kensington & Chelsea Health & Safety Policy.
5. Remove all shaft trunking, doors, wiring, limits etc.
6. Strip car to platform and sling (platform with safety handrail).
7. Scaffold the top of the shaft, from top of the lift car, see builders work method statement and Corbett Scaffolders method statement.
8. Drill and fit rope guide to the counterweight, drill and fit rope guide bracket at the top of the shaft and pit floor, tension rope.
If counterweight twists through shaft – release rope guide tension to enable counterweight to run freely without obstruction.
9. Mark out machine room slab and diamond drill 4 ø 150 holes for hoisting the guides up the lift shaft.
10. Fit lifting beam in machine room test and mark.
11. Fit hoist to beam.
12. Drill holes for new counterweight brackets and fit new brackets.
13. Proceed down the lift shaft from the top and utilising the hoist, mark and lower to pit floor counterweight guides, ensuring that counterweight runs through the rope guides.
14. Fit new counterweight brackets and guides - plumb and bone guides.
15. Fit new counterweight guide shoes and put counterweight in guides remove temporary rope guides.
16. Proceed back to the top of the shaft and repeat 12 coming down the shaft and lowering car guides and removing combination brackets.
17. When the lift is in the pit, tackle the counterweight at top of the shaft. Put safety sling around counterweight.

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18. Remove lift car and sling.
19. Remove bottom section of guides and site and edge of pit.
20. Remove oil buffers and sole plate.
21. Drop plumb lines and set out new sole plate.
22. Set new position of car guide brackets for the first section of guides.
23. Position first of guides and plumb and bone in position.
24. Build new car sling in pit and fit temporary car base with barrier and false working platform.
25. Fit new overspeed governor in machine room and rope to new sling.
26. Using the hoist clamp attached to the top section of guide pull each section up in turn, attaching next section of guide to fishplate ensuring all bolts are used and are secure.
27. Continue this process until the clamp attachment protrudes through the machine room slab, fit floor clamp and remove clamp attachment.
28. Repeat this process for other car guide.
29. This process now leaves both sets of car guides suspended.
30. Proceed up the lift shaft and fix new guide brackets in position to suit the next run of guides, fix guides and plumb and bone to final position. This is to be repeated at every bracket and for each guide until reaching top of shaft.
31. Continue up shaft until all counterweight guides are complete.
32. Check all guides for plumb and boning.
33. Remove temporary rope guides.

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