

Method statement.

Action;



Replacing steel wire ropes and hauling lines on counterweight cradles & systems.

Equipment required;

|   |                                  |   |                            |
|---|----------------------------------|---|----------------------------|
| 1 | Working Rope                     | 4 | Spanners, nut spinners etc |
| 2 | Ratchet Straps                   | 5 | Gaffa, masking & LX tape   |
| 3 | Chain or span sets with shackles | 6 | Felco cutters              |

**All staff to have full PPE inc Hard hats, boots, gloves & glasses.  
Stage to be TAPED OFF as WORKING AREA with restricted access.**

1. Lower bar down to stage level/maximum "IN" position and apply rope brake to hauling line.
2. Secure cradle at upper most level ie Loading Gallery with ratchet strap[s] as required, to lock cradle in a secure fixed position.
3. Add secondary safety – such as a steel wire rope or chain, with shackle – through cradle & steelwork, wallframe etc.
4. When secured in position, unload all weights from cradle.
5. Confirm line safety with Stage Level Team Leader.
6. Stage Team disconnect lines from bar and give clearance to Grid Crew.
7. Tie working rope around all lines – as close to the cradle bolts as possible. Secure rope to Loading Gallery rail.
8. All old lines hauled up through grid to Loading Gallery, with care taken to avoid 'whipping' effect.
9. Disconnect lines from cradle securing bolt.
10. All lines coiled & taped together and lowered to stage level with working rope.
11. (Use old lines to measure replacements & add 1m for "fuf"...!)
12. Reverse procedure to install new SWR lines. **Use Laser Level to set height from stage floor & make sure this is standard across all bars.**
13. Follow instructions for DIN WEDGE fixings.
14. Remove old hems & re-grease all bearings. (ALL operators to wear protective gloves.)
15. Replace hemp through Rope Lock and secure to top & bottom points on cradle.
16. Replace weights in Cradle and remove all safety/secondary suspensions from upper levels.
17. Test run cradle through full travel and lock off at Grid height.