

COUNTERWEIGHT FLY SYSTEM INSPECTION FORM

Theater: _____

Lineset: _____

Inspected By: _____

Date: _____

Battens	Yes	No	N/A
1. Pipe is level and not bent			
2. All batten clamps are sufficiently tight			
3. All turn bucklers are moused			
4. Exits are properly marked and illuminated			
5. Batten splice hardware is sufficiently tight			
Lift Lines	Yes	No	N/A
6. There are no broken strands on the wire rope			
7. There is no corrosion on the wire rope or connections			
8. There is no kinked or deformed wire rope			
9. There is no wire rope rubbing against equipment or building structure.			
Loft Blocks	Yes	No	N/A
10. Housing is not deformed or damaged			
11. Sheaves do not rub against side plates			
12. Bearing does not make noise during operation			
13. All hardware is sufficiently tight			
Head Blocks	Yes	No	N/A
14. Housing is not deformed or damaged			
15. Sheaves do not rub against side plates			
16. Bearing does not make noise during operation			
17. All hardware is sufficiently tight			
Counterweight Arbors	Yes	No	N/A
18. Arbor rods are straight and not deformed or bent			
19. Counterweights sit flat on bottom of arbor			
20. Pipe weight is easily identified			
21. Spreader plates are available and their positions indicated			
22. Locking collars are able to be tightened and loosened			
23. Guides are not bent and are free from obstructions			
24. All hardware is sufficiently tight			
Tension Blocks	Yes	No	N/A
25. Housing is not deformed or damaged			
26. Sheaves do not rub against side plates			
27. Bearing does not make noise during operation			
28. All hardware is sufficiently tight			
Rope Locks	Yes	No	N/A
29. Locks are adjusted for 50lbs maximum imbalance			
30. Jaws and cams are not worn			
31. Retaining ring is present			
32. All hardware is sufficiently tight			
Purchase Lines	Yes	No	N/A
33. There is no extra slack in purchase lines			
34. Purchase lines show no signs of wear			
35. Knots are tied correctly and show no signs of slipping			

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Fire Curtain System	Yes	No	N/A
36. All of the above?			
37. Operates smoothly within prescribed time			
38. Curtain and guides are in good condition			
39. Fusible links present and operable			
40. Release mechanism(s) operate freely			
41. Free of obstructions			
42. Dashpot? Proper time of operation?			
43. Motorized head block? Clutch operation?			
Motorized Rigging	Yes	No	N/A
44. Rigging Components (See above)			
45. Controls and emergency stop operate properly			
46. Motor operates properly			
47. Gear Box operates properly			
48. Limit Switches operate properly			
49. Motor Starters operate properly			
50. Motor and/or Load Brake operate properly			
51. Drums, sprockets, and chains operate properly			
52. Couplings operate properly			
53. Guards are in place and operate properly			

Notes