

Signalling Revision Questions: Lever Frames/Mech signals/points

1. What is a draft wheel?
2. What is the purpose of the weight(s) at a signal?
3. How is a stop (on) indication changed to a clear (off) indication from the signal?
4. What is the white diamond for (positioned on a signal post or dolly board)?
5. What is the maximum distance of a wire run?
6. What distance should signal wire posts be set apart?
7. What MUST you never do on maintenance to a signal wire, points rodding or their fittings?
8. What is the limit (in metres) at which mech signals should have arm & light repeater indications back to the signalbox?
9. What colour is a FPL lever?
10. When would a lever be painted half blue & half black?
11. Old mechanical detonator placers controlled from a SB are signified by what colours, and how are the up & down lines signified?
12. A spare (un-used) lever is painted white, what does it mean when half the lever is painted white?
13. What is an economiser contact?
14. What is a catch handle contact?
15. What is a combined lever lock?
16. What do the following lever bands represent:
NA: BC: RE:
17. What is the 'back blinder'?
18. What is a 'lower-quadrant' signal?
19. What are the 'tappets' in the lever tray?
20. What endorsement MUST be on a SMTH certificate, to enable a person to take off the cover off a lever tray?
21. What mechanical device is used to compensate for heat difference in the rodding run?

22. What serious fault can occur if rodding is not compensated in the summer season?
23. What is the light called to indicate the lever is free to put back into the frame after it has been replaced in an emergency or cancellation?
24. What does 'disarrangement' of locking mean?
25. What is a 'vertical crank' and what is its main purpose?
26. Before adjusting a mech signal wire to take up the slack, what should you do first?
27. Draw the symbol for lever band number 4 for the NA band.
28. Where should 'S' links be used?
29. When 'making-off' a signal wire, how many times (minimum) MUST the wires be wrapped around the wire itself?
30. On diagrams, the following abbreviations are used for signal repeating, what do they mean?
ASR, ALR, SLR, ASLR?
31. What does sequential locking mean?