



<b>CHECKLIST: TRANSILLUMINATED DISPLAYS</b>				
<b>CRITERIA</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>	<b>COMMENTS</b>
1. Are transilluminated displays used to convey qualitative information requiring immediate action or immediate attention or maintenance/adjustment functions?				
2. Is the following color coding scheme used on transilluminated displays: RED - alert Flashing RED - emergency conditions YELLOW Caution, recheck, or delay GREEN - Ready or function activated WH1TE - Functions without "right or wrong" BLUE - Advisory (prefer to avoid use of blue)?				
3. Do lights, including those used in illuminated push buttons display equipment response and not merely control position?				
4. Are lights and related indicators used sparingly and only to display information necessary for effective system operation?				
5. Do changes in display status signify changes in functional status rather than results of control actuation alone?				
6. Are master caution, master warning, and summation lights used to indicate the condition of an entire subsystem set apart from the lights that show the status of the subsystem components, except as required for maintenance displays?				
7. When a transilluminated indicator is associated with a control is the indicator light located so that it can be associated with the control without error and is it visible to the operator during control operations?				
8. Are displays for critical functions located within 15° of the operator's normal line of sight and are warning lights an integral part of, or located adjacent to, the lever, switch, or other control device by which the operator is to take action?				
9. Are indicator lights used solely for maintenance and adjustment covered or nonviable during normal equipment operation, and still readily accessible when required?				
10. Is the luminance of transilluminated displays compatible with expected ambient illumination and at least 10% greater than the surrounding luminance?				
11. Is a dimming control provided when displays will be used under varied ambient illumination?				
12. Has a provision been made to prevent direct or reflected light from making indicators appear illuminated when they are not, or to appear de-energized when they are illuminated?				
13. Has reflection or glare been minimized by proper orientation of display with respect to viewer?				
14. Is the luminance contrast within at least C=0.1?				
15. Do incandescent display lamps include filament redundancy or dual lamps?				
16. Is a master light test control incorporated for incandescent bulbs installed as display lights on a control panel?				
17. Is the procedure for lamp removal and replacement easily and rapidly accomplished without tools?				
18. Does display circuit design permit lamp removal and replacement while power is applied without causing failure of indicator circuit components and without imposing personnel safety hazards?				



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19. If design of legend screen or display covers does not prevent inadvertent interchange, is a means provided for checking the covers after installation to ensure that they are properly installed?				
20. Are flashing lights used only when it is necessary to call the operator's attention to some condition requiring immediate action?				
21. Are legend lights used in preference to simple indicator lights except where design considerations demand that simple indicators be used?				
22. Do legend lights conform to required color coding scheme?				
23. Is illuminated label/opaque background format used for critical alerting indicators where the operator's dark adaptation must be maintained?				
24. Does the size and other characteristics of lettering conform to standards and specifications?				
25. Is the lettering on single-legend indicators visible and legible whether or not the indicator is energized?				
26. Is only the legend in use visible and if stacked legends are used are they designed for legibility?				
27. Are simple indicator lights used only when design considerations preclude the use of legend lights?				
28. Are simple indicator lights coded in conformance to standards and specifications?				
29. Is the spacing between adjacent edges of simple round indicator light fixtures sufficient to permit unambiguous labeling, signal interpretation, and convenient bulb removal?				
30. Are transilluminated assemblies used to provide illuminated labels, markings, or pictorialized representation on control panels and illumination for control knobs?				
31. Do large, single pictorial graphic panels comply with the requirements for visibility, legibility, color, and illumination?				
32. Are replaceable incandescent lamps used as the illuminant source for panel assemblies readily accessible without disconnecting the panel(s)?				
33. Is the brightness of illuminated markings and transilluminated controls compatible with the ambient environment and operating conditions?				