**LSS DOOR SCORE™**

The **LSS DOOR SCORE™** is a proprietary scoring system which assigns a numeric value to every fire and smoke door inspected. Historically, fire door inspectors have determined doors to be either compliant or non-compliant based on whether or not a deficiency existed in the opening. The challenge with this method is that almost every fire door will have some sort of deficiency when inspected which renders a non-compliant result with no differentiation. For example, one fire door might be missing a hinge screw while another fire door might not close and latch. Both doors are non compliant but the door that does not close and latch would demand higher priority in terms of which deficiency to address first. Consequently, the majority of inspection reports provided to the customer using this method contain an abnormally high percentage of non-compliant openings and little guidance to the customer on where to start with correcting the deficiencies. While any door with a deficiency is non-compliant and such should be addressed without delay, the LSS Door Score™ was developed by LSS Life Safety Services to assist clients in determining the priority of order given to doors requiring attention.

The **LSS DOOR SCORE™** is composed of numeric values based on two deficiency categories referred to as Code and Maintenance. Items identified as Code Issues are those concerns of important attention to the AHJ that could warrant a Citation of Non-Compliance and need immediate corrective action. Items identified as Maintenance Issues are concerns that do not immediately affect the overall operation of the assembly but if corrective action is not taken could result in a Citation of Non-Compliance by the AHJ. All listed items for attention are of sufficient concern to warrant corrective action without delay.

Each opening starts with 100 points per deficiency category for a total of 200 possible points. Each deficiency, depending on its nature, is categorized into a Low, Medium and High sub-category and assigned an appropriate number of points to be deducted from the beginning score. See table below for point assignments.

|  |  |  |
| --- | --- | --- |
| SEVERITY | CODE | MAINTENANCE |
| LOW | -25 | -5 |
| MEDIUM | -50 | -10 |
| HIGH | -100 | -15 |

When a door inspector identifies a particular deficiency, points will be deducted from either the Code side or the Maintenance side. Please note that any score less than 100% is deemed to be non-compliant.

**Example: Fire Door 1234:**

1 Medium Severity Code Deficiency Found During Inspection: Loss of 50 LSS Door Score™ Points

1 High Severity Maintenance Deficiency Found During Inspection: Loss of 15 LSS Door Score™ Points

**LSS DOOR SCORE™ Calculation for Fire Door 1234:**

Code Score: 100 Base Points – 50 points deduction from inspections = 50% Code Score

Maintenance Score: 100 Base Points – 15 points deduction from inspection = 85% Maintenance Score

**LSS DOOR SCORE™** Code Score (50%) + Maintenance Score (85%) = 135%/2 = ***67.5% LSS DOOR SCORE™***

Each door inspected will receive its own **LSS DOOR SCORE™**