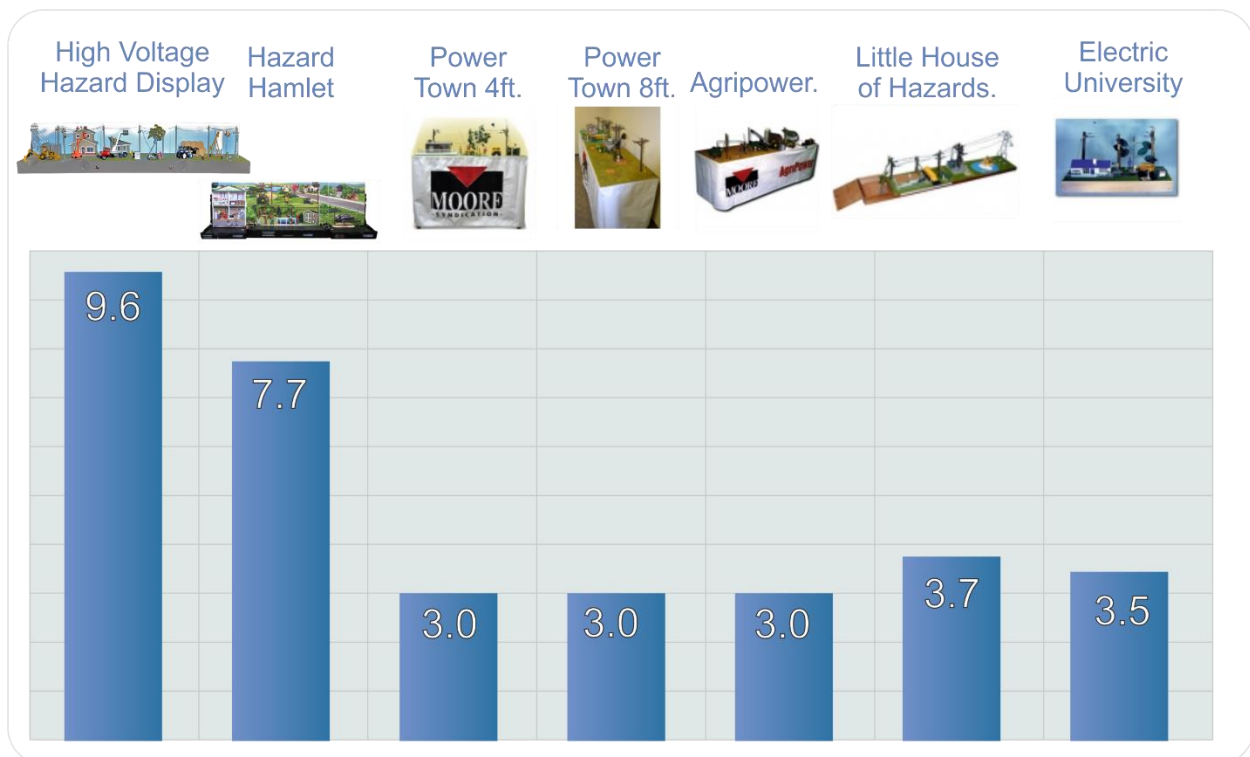


Safety Display Ratings – 2016

In this report, we review seven safety displays currently on the market. We are aware that all 6 other displays are in direct competition with ours however we have tried to be as objective as we could. We omitted price from the data set because each display is so unique, price is not meaningful. However it is by no coincidence that the two top rated displays are also the most expensive. Professional engineering, skilled fabrication, FCC/IC testing and certification are the reasons for higher costs but do yield much higher quality products with high construction quality, high accuracy, advanced functionality, are safe to operate and are safe for the public. Scores were divided by 10 and designed to sum to a maximum score of 10. See full size pictures at the end of this document.



Summary of findings

Professional Grade Model/10

Both the High Voltage Hazard Display and Hazard Hamlet are engineered models that are professionally fabricated to high standards. For that reason, these displays receive a 10/10. The remaining models receive 3/10 because they are not professionally engineered nor professionally fabricated and have a “homemade” look to them.

3D/5

Only the Hazard Hamlet model is a 2D model. A display is far more interesting and has far greater viewing angles when 3D. For this reason, they receive a 0/5. The other models receive a 5/5.

Scale Accuracy/10

Both the High Voltage Hazard Display and Hazard Hamlet are accurately scaled. For this reason, they receive a 10/10. The other models are poorly scaled. An Example is the Power Town model where the people tower over the school bus. All poorly scaled models receive a 3/10

Portability/10

Both the High Voltage Hazard Display, Hazard Hamlet and Little House of Hazards are truly portable meaning they include custom storage cases or are housed within storage cases. The high Voltage Hazard Display comes with three heavy duty, custom shipping cases while the Hazard Hamlet model and the Little House of Hazards model are integrated into their cases. The High Voltage Hazard Display and the Hazard Hamlet model receive 8/10 and 10/10 for portability. Little House of Hazards folds up but cannot be shipped because it is far too fragile and simply not designed to be shipped. The design is very poor to say the least and receives a generous 4/10. The rest of the displays receive a 2/10 as they are designed to be assembled and disassembled but are not considered portable.

Setup Time/10

Both the High Voltage Hazard Display and Hazard Hamlet can be set up in less than 3 minutes but the winner is the Hazard Hamlet since the model is integrated into its case, making setup fast and easy. The ratings are 8/10 and 10/10 accordingly. With a setup time of less than 10 minutes, the remaining displays each rate at 6/10.

Number of People to Operate/5

We are assuming that any display that generates high voltage arcs poses a significant safety threat to children or anyone else that may touch part of the display. For that reason, we believe 1 person is needed to control the display and another to ensure the audience is at a safe distance. Both Power Town and Agripower models produce high voltage arcs and require 2 people to operate. They receive a 1/5 while all other displays requiring only one person receive a 5/5.

Remote Control/5

Only the High Voltage Hazard Display and the Hazard Hamlet model are remote control. They each receive 5 while all others receive 0.

Sound Effects/5

Only the High Voltage Hazard Display includes multiple digital sound tracks and sound effects. The sound tracks fit the activity being demonstrated such as the sound of a tractor lifting a bale of hay. The Hazard Hamlet display includes one arc sound while only the Electric University and Little House of Hazards have a buzzer. The ratings are 5/5 for the High Voltage Hazard Display, 2/5 for a decent sounding arc for the Hazard Hamlet model and 1/5 for the Electric University and Little House of Hazards models. All others receive 0/5 for no sound.

Animatronic Motion/5

Only the High Voltage Hazard Display is animatronic with moving people and equipment. For that, a 5/5 is applied while the other models receive a 0/5.

Arc Generating Hot Stick/10

Only the High Voltage Hazard Display comes with an Arc Generating Hot Stick. This is a proprietary device that is patent pending. It allows the operator to touch anything with the end of the hot stick, press a

hidden button in the handle and draw a simulated arc with dramatic synchronized arc sounds. The hot stick allows the operator to perform dozens of other demonstration. For that reason, a 10/10 is warranted while the rest receive 0/10.

FCC/IC Tested/Certified/10

Only the High Voltage Hazard Display and Hazard Hamlet are FCC/IC certified to be radio frequency and power interference safe. These displays receive a 10/10. The two battery operated displays (Electric University and Little House of Hazards are battery operated with no electronics that require testing. They also receive a 10 as not testing and certification is required while the other displays receive 0/10.

UL/CSA Certified/10

The High Voltage Hazard Display and Hazard Hamlet operate by an external Class B, UL/CSA approved adapter. As a result, they receive a 10/10. In addition Electric University and Little House of Hazard are battery operated and do not require certification. These displays receive a 10/10 while all others receive 0/10.

Pictures of the displays in the order they were rated



High Voltage Hazard Display and Arc Generating Hot Stick by HiTech Safety Displays Ltd.



Hazard Hamlet by Modeltech



Power Town 4ft. by Moore
Syndication



AgriPower by Moore
Syndication



Power Town 8ft. by Moore
Syndication



Little House of Hazards by
Moore Syndication



Electric University by
Moore Syndication