



## How to Avoid RF Interference in Your Indicators

With all the communication toys in use these days (cell phones, CBs, beepers, etc.) it's no surprise RF interference has become a common culprit in degrading a weighing system's accuracy.

To prevent this from happening in your operation, be sure to take the time to properly connect the load cell shield wire to its designated area. If your operation is located in a high RF area, you may want to attach the load cell shield wire to the outside of the indicator's metal enclosure. Properly connecting the load cell shield wire prevents it from acting like an antenna and drawing the RF directly to the inside of the enclosure where it interferes with the circuit board.

Another concern I have regarding RF interference is the introduction of plastic enclosures for indicators. Indicators with plastic enclosures are highly susceptible to RF interference, not just from CBs and cell phones, but from other products as well. Since plastic enclosures aren't grounded like metal enclosures, the RF will penetrate the enclosure and disrupt the accuracy of your readings. Additionally, plastic encased indicators are severely limited because they can't be installed next to other products that may radiate RF.

So to maintain maximum flexibility and top accuracy in your weighing system, indicators with metal enclosures are your best choice.

Rice Lake Weighing Systems  
230 W. Coleman St. • P.O. Box 272  
Rice Lake, WI 54868 USA  
TEL: 715-234-9171 • FAX: 715-234-6967  
WWW: [www.rlws.com](http://www.rlws.com)  
E-MAIL: [prodinfo@rlws.com](mailto:prodinfo@rlws.com)  
[intlsales@rlws.com](mailto:intlsales@rlws.com)

© 2000 Rice Lake Weighing Systems