

CONTINUOUS WEIGHING AND FEEDING OF BULK MATERIALS SINCE 1949



BUILT TO SURVIVE

Case Study

One of our customers has a Thayer Scale Model M low-density weigh belt using the LVDT technology on our Model-18 Flexure scale that was supplied in 1972. During the weekly routine calibration cycle there was a notable drift from previous zero and span errors that was captured by the instrument Ethernet connection with the Plant PLC. In this case the Model-18 is used in a redundant application where the common parts are the scale, its range spring and dash-pot. There are two LVDTs attached to this common scale. After inspection it was determined that the range spring looked fuzzy and was covered in dust. Its convolutions were barely recognizable from decades of use and an accumulation of tobacco dust. Tobacco dust is insidious and can find its way into anything including sealed meters and the scale housing on the Thayer Scale weigh belt is no exception. The range spring was sprayed with a contact cleaner which restored it to a pristine, dirt-free condition. The Zero and Span calibrations returned to normal and are now Rock Solid. Moving forward all the older units in the plant will undergo this simple cleaning of the existing range springs. Another example of Thayer Scale's "Built to Survive" motto.

THAYERSCALE.COM
1-855-7THAYER

