

Equotip 550 Portable Rockwell

Hardness testing of aging street furniture and structures

One of the projects for which Proceq was asked to supply a solution involved the testing and verification of the hardness of aging aluminum lampposts, bridge structures, traffic light brackets and other important metal structures seen along the roadways where human safety is a primary consideration. The catalyst for this project was concern about falling lampposts along the highway.

The product had to be portable, flexible enough to test various thicknesses and geometries, and capable of data storage for reporting. The Equotip 550 Portable Rockwell tester provided the solution to meet all these requirements. In addition, the sealed touchscreen and rugged housing were convincing to the users as they would be working in various weather conditions during the in-situ testing.

In addition, Leeb devices were connected to the Equotip 550 for even faster checks of thicker bridge components when weather and surroundings combined to make a really harsh test environment.



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