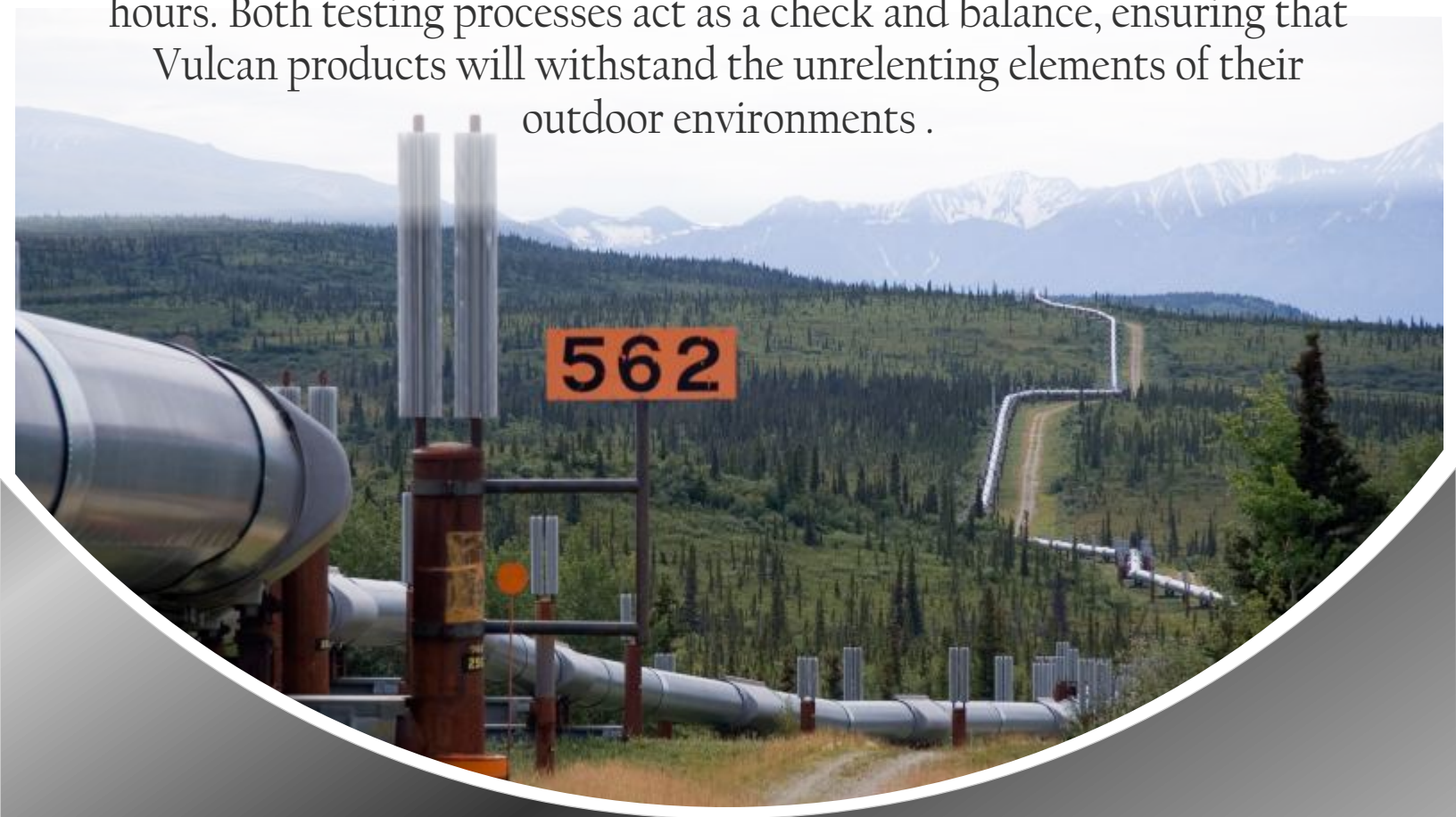




Quality Assurance Testing

Outdoor Durable Marking Products That Stand The Test Of Time.

At Vulcan Utility Signs, quality assurance is a top concern. Every product that we produce is tested on both our Outside Test Deck, and in a state-of-the-art QUV Machine. The QUV Machine simulates years of long term weathering effects on our products in a matter of hours. Both testing processes act as a check and balance, ensuring that Vulcan products will withstand the unrelenting elements of their outdoor environments .



Quality Assurance Testing

> QUV Accelerated Weathering Testing



We use our in-house QUV Accelerated Weathering Tester to test all components of a product, including inks, adhesives and substrates. As the name implies, the tester “accelerates” the test, providing data long before outdoor samples yield results. This enables us to evaluate the outdoor durability of products and introduce them into the market sooner, rather than later. QUV testing is the industry standard for outdoor weather testing. We operate our tester in conformance with ASTM G.53. Our QUV has been a part of our R&D/Quality Assurance Program for over 20 years.

< Outdoor Test Rack

Our Outdoor Test Deck is located on the Vulcan campus. This testing process acts as a check and balance for the QUV testing process. We test every product component in both the QUV machine and on our Outdoor Test Deck. The Test Deck faces South at a 45° angle, which some say simulates twice the exposure to a vertically mounted sign. Periodically, we compare specimens from both tests. Some products have been on the test deck for over 15 years. Vulcan believes that it is pertinent to track the results of long term weather testing. This data enables us to develop longer lasting products.

