

The practice of MRT, has proven to be a reliable, effective, and repeatable way to obtain conditional statements of an in-situ wire rope. The variables and unknowns of a visual inspection are overcome through MRT. Conducting MRT inspection in Canada for over 30 years has provided our customers with baseline surveys and condition monitoring that is not otherwise available. Through proven calibration and consistent equipment preparation, the results obtained through MRT are able to show our customers the gradual deterioration of their assets, and offers the ability to introduce preventative maintenance programs, based on the collected data and rates of deterioration for their specific installation.

The limitations regarding MRT currently lie in the absence of acknowledgement and assessment criteria within existing regulations and subsequently ineffectual enforcement or regulation. By including MRT as a standard practice within existing regulations, the method would then become attractive to training institutes, regulators, and insurance agencies, as well, increasing the awareness and competency of companies involved with MRT.

With both quantitative and qualitative data, the results of MRT testing can be strongly relied upon in comparison to traditional visual inspection, to aid in making the decision of whether or not a rope replacement is warranted. MRT inspection can reduce waste, reduce downtime, and recognizes a detrimental condition long before it become catastrophic. MRT inspection can be performed with minimal personnel, significantly reduced downtime and results are instantaneous, recorded and without bias. INTRON equipment has greatly reduced our reporting and interpretation time, the ease of use and advanced software makes this equipment ideal for any installation, on or offshore. After using several different MRT kits over our 30 years in business, INTRON has proven to be the leader in specialized wire rope inspection technology. MRT is a critical component to any wire rope preventative maintenance program. It should be included in any relevant written standards as an acceptable method to determine actual condition of a wire rope in service.



Ross Muirhead
GM
Inter-Mtn. Testing Ltd.
Canada