

# Lab Scope for Sivaco Ontario

330 Thomas Street  
Ingersoll, ON, N5C 3K5, Canada  
Gary Allard  
518-485-4150 ext 116

Sivaco Ontario performs **Dimensional Inspection / Testing** as shown in the following tables:

## Testing

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Rockwell Hardness	HRC, HRB	ASTM E18, ISO 2320	Wire & Rod Products	
% Elongation – Wire Diameter		ASTM A370-07a	Wire & Rod Products	
% Reduction of Area				
Tensile	0 lb to 120,000 lb	ASTM A370-07a	Wire & Rod Products	
Decarb, Grain Structure		E1077, ASTM F2282-03	Wire & Rod Products	

## Dimensional Inspection

Dimensional Inspection Parameter/Equipment	Range	Best Measurement Capability	Remarks
Dimensional Measurement 1D	0 in. to 2 in.	TBD	Micrometers utilized as Reference Standard for Dimensional Inspection.
Dimensional Measurement 1D	0 in. to 2 in.	TBD	Vernier Calipers utilized as Reference Standard for Dimensional Inspection.

Note(s):

Approved By:  Position: Q/A Manager

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