

<b>Analytical Report</b>	
<b>Title:</b>	Chemical Analysis of a Cable
<b>Report No.</b>	124569v1
<b>Company:</b>	Coastal Classic Railing, LLC
<b>Issue Date:</b>	August 20, 2018
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<b>Contributors:</b>	E. Link
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<b>Contact Information:</b>	<u><b>Submitters</b></u> Name: Robert Greco cc:
	<u><b>Intertek Allentown Contact</b></u> Name: Ellen E. Link Email: <a href="mailto:ellen.link@intertek.com">ellen.link@intertek.com</a> Phone: 610-295-0147

**Approvals:**

<b>Reviewed and Released By</b>

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7201 Hamilton Blvd. Allentown, PA 18195 Phone: (610) 295-0100 <http://www.Intertek.com>





**Purpose:**

Determine the chemical composition of a cable infill in the railing systems. Cable is 1x19 composition and 3 mm in diameter. The material is 317L stainless grade.

**Summary and Conclusions:**

The samples meet the requirements of Type 317L (UNS S31703) austenitic stainless steel.

**Samples:**

Cable

**Discussion and Observations:**

The chemistry of the samples was determined via inductively couple spectroscopy (ICP) and LECO C/S. The results are presented in Table 1.

**Table 1.** Chemical Composition, wt. %.

<b>Sample</b>	<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Cr</b>	<b>Ni</b>	<b>Mo</b>	<b>Fe</b>
Cable	0.027	0.88	0.027	0.005	0.87	19.42	12.67	3.26	Remainder
Type 317L min.						18.00	11.00	3.00	Remainder
Type 317L max.	0.030	2.00	0.045	0.030	1.00	20.00	15.00	4.00	

**End of Report**