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March 4, 2008

**CRL Door Rail and Sidelite Rail
 Aluminum / Aluminum Alloy 6063-T6 Extruded Profiles
 ASTM B221 Compliance Report**

We hereby certify that the alloy specified in this report meets the applicable requirements described herein, including any specifications forming part of the description that samples representative of the material met the composition limits and has the mechanical properties.

Chemical Composition ^{A,C} for Aluminum / Aluminum Alloy 6063-T6									
Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Zinc Zn	Titanium Ti	Vanadium V	Other
0.20-0.60	0.35	0.10	0.10	0.45-0.90	0.10	0.10	0.10	-	0.15
All Aluminum / Aluminum Alloy 6063-T6 Extruded Profiles confirm to the chemical composition limits									

^A Limits are in weight percent maximum unless shown as a range, or stated otherwise.

^B Analysis was made for the elements for which limits are shown in the table.

^C Observed or calculated values, obtained from analysis, are rounded to the nearest unit in the last right-hand place of the figures used in expressing the specified limit, in accordance with the rounding-off method of Practice E29.

Mechanical Property ^{A,B} for Aluminum / Aluminum Alloy 6063-T6		
Tensile Strength [ksi]	Yield Strength (0.2% offset) [ksi]	Elongation 2" or 4 x Diameter, min, % ^C
30.0 min	25.0 min	10
All Aluminum / Aluminum Alloy 6063-T6 Extruded Profiles are in accordance with specification		

^A The basis for establishment of tensile property limits is per ASTM B221 AnnexA1 – Limits are established at a level at which a statistical evaluation of the data indicates that 99% of the population obtained from all standard material meets the limit with 95% confidence.

^B Each value is rounded to the nearest 0.1 ksi for strength and nearest 0.5% for elongation in accordance with the rounding-off-method of Practice E29.

^C Elongation of full-section and cutout sheet-type specimens is measured in 2 in. Elongation of cutout round specimens is measured in 4X specimen diameter.