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**BOREALIS EXHIBIT 1061** 



## CONVERSIONS BETWEEN U.S. CUSTOMARY UNITS AND SI UNITS

U.S. Customary unit		Times conversion factor		Equals SI unit	
		Accurate	Practical		
Acceleration (linear) foot per second squared inch per second squared	ft/s <sup>2</sup> in./s <sup>2</sup>	0.3048* 0.0254*	0.305 0.0254	meter per second squared meter per second squared	m/s <sup>2</sup> m/s <sup>2</sup>
Area square foot square inch	ft <sup>2</sup> in. <sup>2</sup>	0.09290304* 645.16*	0.0929 645	square meter square millimeter	m <sup>2</sup> mm <sup>2</sup>
Density (mass) slug per cubic foot	slug/ft <sup>3</sup>	515.379	515	kilogram per cubic meter	kg/m <sup>3</sup>
Density (weight) pound per cubic foot pound per cubic inch	lb/ft <sup>3</sup> lb/in. <sup>3</sup>	157.087 271.447	157 271	newton per cubic meter kilonewton per cubic meter	N/m <sup>3</sup>
Energy; work foot-pound inch-pound kilowatt-hour British thermal unit	ft-lb inlb kWh Btu	1.35582 0.112985 3.6* 1055.06	1.36 0.113 3.6 1055	joule (N·m) joule megajoule joule	J J MJ J
Force pound kip (1000 pounds)	lb k	4.44822 4.44822	15/32	newton (kg·m/s <sup>2</sup> ) silonewton	N kN
Force per unit length pound per foot pound per inch kip per foot kip per inch	lb/ft lb/in. k/ft k/in.	14.5939 175.127 14.5939 175.127	14.6 175 14. 175	newton per meter newton per meter kilonewton per meter kilonewton per meter	N/m N/m kN/m kN/m
Length foot inch mile	ft in. mi	0.3048* 25.4* 1.609344*	0.305 25.4 1.61	meter millimeter kilometer	m mm km
Mass slug	lb-s <sup>2</sup> /ft	14.5939	14.6	kilogram	kg
Moment of a force; torque pound-foot pound-inch kip-foot kip-inch	lb-ft lb-in. k-ft k-in.	1.35582 0.112985 1.35582 0.112985	1.36 0.113 1.36 0.113	newton meter newton meter kilonewton meter kilonewton meter	N·m N·m kN· kN·







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Cover Photo: The Gateway Arch, St. Louis, Missouri U.S.A.

Located in the riverfront area on the west bank of the Mississippi River in downtown St. Louis, the arch symbolizes the role of St. Louis as the historic "gateway to the West." The arch has an inverted catenary shape and reaches a height of 192 meters (630 feet). Its cross sections are equilateral triangles and its outer surface is constructed of stainless steel. Visitors may ride a tram inside the arch, starting from a boarding area below ground level and rising to a viewing room at the top. The windows in the 20-meter (65-foot) long viewing room are barely visible in the photo.

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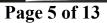
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