

Hot Rolled Steel Products Overview



U. S. Steel Canada
A Subsidiary of United States Steel

A Leading Supplier to the North American Market

Lake Erie Works, an integrated steelmaking facility located in Nanticoke, Ontario on the north shore of Lake Erie. Built in 1980, Lake Erie is one of the newest and most cost-competitive integrated steel facilities in North America. The hot strip mill includes three slab reheating furnaces, a vertical edger and reversing rougher, a Coilbox, a six-stand finishing train, an advanced run-out table cooling system and two downcoilers.



Given the facility's central location in the Great Lakes region and its highly skilled workforce, U. S. Steel Canada can effectively integrate its products into customer supply chains for just-in-time delivery with a high degree of responsiveness.

In the past decade, approximately \$600 million has been invested in upgrades at Lake Erie Works, ratifying its position as a world-class supplier of hot rolled products. With excellent gauge, crown and shape control, and first-rate uniformity in mechanical properties, U. S. Steel Canada products are commonly supplied to markets such as automotive, pipe and tube, structural and steel service centres, as well as to other U. S. Steel facilities in the United States and Canada for further value-added processing.

GRADES AVAILABLE:

Formable Steels:

ASTM A 1011, ASTM A 1018, SAE J2329, JIS G3131.

High Strength Steels:

ASTM A 1011, ASTM A 1018, JIS G3113, JIS G3134, SAE J1392, SAE J2340.

Structural Steels:

CSA G40.21

Composition Steels:

ASTM A 506, ASTM A 507, SAE J403

Coil for Conversion to Pipe and Tube:

API5L, API5CT, CSA Z245.1

SIZE AVAILABILITY:

Thickness*:

0.080" – 0.625" (2.0mm – 16.0mm)

Max. Width*:

74.7" (1897mm)

*Some grades may not be available across full gauge and width range.



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