



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

This table contains carbon intensities for fuels that have been approved by the Director under section 6 (6) of the *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements) Act*.

Transportation fuel producers who wish to have a fuel carbon intensity approved for posting and use in British Columbia must apply to the Director. For information regarding the process for applying, see *Carbon Intensity Approvals (RLCF-008)* available at [www.gov.bc.ca/lowcarbonfuels](http://www.gov.bc.ca/lowcarbonfuels).

The Ministry has identified the need for the use of unique fuel codes to facilitate a more straightforward compliance reporting process. For example under the new system, iterations of the past fuel code BCLCF101 are now recognized as unique and referred to by separate fuel codes BCLCF101.0 and BCLCF101.1. The decimal fuel codes indicated below are consistent with the implementation of this new numbering scheme.

Previous Fuel Code	Fuel Code	Fuel	Company	Carbon Intensity (gCO <sub>2</sub> e/MJ)	Effective Date	Expiry Date
BCLCF101	BCLCF101.0	HDRD	Neste Oil Singapore	8.61	Mar. 28, 2013	Dec. 31, 2013
	BCLCF101.1	HDRD	Neste Oil Singapore	18.16	Jan. 1, 2014	Sept. 6, 2016
	BCLCF101.2	HDRD	Neste Oil Singapore	17.10	Sept. 7, 2016	Sept. 6, 2019
BCLCF102	BCLCF102.0	HDRD	Neste Oil Singapore	34.81	Mar. 28, 2013	Dec. 31, 2013
	BCLCF102.1	HDRD	Neste Oil Singapore	35.89	Jan. 1, 2014	Sept. 6, 2016
	BCLCF102.2	HDRD	Neste Oil Singapore	27.04	Sept. 7, 2016	Sept. 6, 2019
BCLCF103	BCLCF103.0	HDRD	Neste Oil Singapore	37.90	Mar. 28, 2013	Dec. 31, 2013
	BCLCF103.1	HDRD	Neste Oil Singapore	36.50	Jan. 1, 2014	Sept. 6, 2016
	BCLCF103.2	HDRD	Neste Oil Singapore	34.85	Sept. 7, 2016	Sept. 6, 2019
BCLCF104	BCLCF104.0	HDRD	Neste Oil Singapore	48.78	Mar. 28, 2013	Dec. 31, 2013
	BCLCF104.1	HDRD	Neste Oil Singapore	54.74	Jan. 1, 2014	Dec. 31, 2014
	BCLCF104.2	HDRD	Neste Oil Singapore	94.58	Jan. 1, 2015	Dec. 31, 2017
BCLCF105	BCLCF105.0	HDRD	Neste Oil Singapore	31.77	Mar. 28, 2013	Dec. 31, 2013
BCLCF106	BCLCF106.0	HDRD	Neste Renewable Fuels (Finland)	52.73	Mar. 28, 2013	Dec. 31, 2013



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

<b>Previous Fuel Code</b>	<b>Fuel Code</b>	<b>Fuel</b>	<b>Company</b>	<b>Carbon Intensity (gCO<sub>2</sub>e/MJ)</b>	<b>Effective Date</b>	<b>Expiry Date</b>
BCLCF107	BCLCF107.0	HDRD	Neste Renewable Fuels (Finland)	35.72	Mar. 28, 2013	Dec. 31, 2013
BCLCF108	BCLCF108.0	HDRD	Neste Renewable Fuels (Finland)	63.66	Mar. 28, 2013	Dec. 31, 2013
BCLCF109	BCLCF109.0	HDRD	Neste Renewable Fuels (Finland)	3.64	Mar. 28, 2013	Dec. 31, 2013
	BCLCF109.1	HDRD	Neste Renewable Fuels (Finland)	36.70	Jan. 1, 2014	Dec. 31, 2016
BCLCF110	BCLCF110.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-4.23	Mar. 28, 2013	May 31, 2014
	BCLCF110.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-2.77	June 1, 2014	Jan. 18, 2017
	BCLCF110.2	Ethanol	Future Fuel Ltd.	-2.77	Jan. 19, 2017	May 5, 2017
BCLCF111	BCLCF111.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-0.09	May 10, 2013	May 31, 2014
	BCLCF111.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	1.99	June 1, 2014	Jan. 18, 2017
	BCLCF111.2	Ethanol	Future Fuel Ltd.	1.99	Jan. 19, 2017	May 5, 2017
BCLCF112	BCLCF112.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	0.93	May 10, 2013	May 31, 2014
BCLCF113	BCLCF113.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	4.86	May 10, 2013	May 31, 2014
BCLCF114	BCLCF114.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	20.50	May 10, 2013	May 31, 2014
	BCLCF114.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	20.51	June 1, 2014	May 31, 2015
BCLCF115	BCLCF115.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	24.44	May 10, 2013	May 31, 2014
	BCLCF115.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	25.26	June 1, 2014	May 31, 2015



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

Previous Fuel Code	Fuel Code	Fuel	Company	Carbon Intensity (gCO <sub>2</sub> e/MJ)	Effective Date	Expiry Date
BCLCF116	BCLCF116.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	21.50	May 10, 2013	May 31, 2014
BCLCF117	BCLCF117.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	25.43	May 10, 2013	May 31, 2014
BCLCF118	BCLCF118.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-0.81	May 10, 2013	May 31, 2014
BCLCF119	BCLCF119.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	3.13	May 10, 2013	May 31, 2014
BCLCF120	BCLCF120.0	Ethanol	Bushmills Ethanol Inc.	53.40	June 14, 2013	June 13, 2016
BCLCF121	BCLCF121.0	Ethanol	Blue Flint Ethanol LLC	42.75	June 14, 2013	June 13, 2016
	BCLCF121.1	Ethanol	Blue Flint Ethanol LLC	39.03	June 14, 2016	June 13, 2019
BCLCF122	BCLCF122.0	Biodiesel	Ag Processing Inc.	32.04	June 14, 2013	Mar. 21, 2016
	BCLCF122.1	Biodiesel	Ag Processing Inc.	7.91	Mar. 22, 2016	Mar. 21, 2019
BCLCF123	BCLCF123.0	Biodiesel	Ag Processing Inc.	15.38	June 14, 2013	Mar. 21, 2016
	BCLCF123.1	Biodiesel	Ag Processing Inc.	2.07	Mar. 22, 2016	Mar. 21, 2019
BCLCF124	BCLCF124.0	Biodiesel	Ag Processing Inc.	15.79	June 14, 2013	Mar. 21, 2016
	BCLCF124.1	Biodiesel	Ag Processing Inc.	1.96	Mar. 22, 2016	Mar. 21, 2019
BCLCF125	BCLCF125.0	Biodiesel	Archer Daniel Midland Company	26.72	July 1, 2013	May 19, 2016
	BCLCF125.1	Biodiesel	Archer Daniel Midland Company	9.61	May 20, 2016	May 19, 2019
BCLCF126	BCLCF126.0	Biodiesel	Archer Daniel Midland Company	37.81	July 1, 2013	May 19, 2016
	BCLCF126.1	Biodiesel	Archer Daniel Midland Company	14.56	May 20, 2016	May 19, 2019
BCLCF127	BCLCF127.0	Biodiesel	Archer Daniel Midland Company	38.14	July 1, 2013	May 19, 2016
	BCLCF127.1	Biodiesel	Archer Daniel Midland Company	20.04	May 20, 2016	May 19, 2019



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

Previous Fuel Code	Fuel Code	Fuel	Company	Carbon Intensity (gCO <sub>2</sub> e/MJ)	Effective Date	Expiry Date
BCLCF128	BCLCF128.0	Biodiesel	Deerfield Energy LLC (formerly Archer Daniel Midland Company)	37.68	July 1, 2013	June 20, 2016
	BCLCF128.1	Biodiesel	Deerfield Energy LLC	13.83	June 21, 2016	June 20, 2019
BCLCF129	BCLCF129.0	Biodiesel	Mid-America Biofuels LLC (formerly Archer Daniel Midland Company)	35.68	July 1, 2013	June 20, 2016
	BCLCF129.1	Biodiesel	Mid-America Biofuels LLC	13.24	June 21, 2016	June 20, 2019
BCLCF130	BCLCF130.0	Ethanol	Plymouth Energy LLC	59.38	July 16, 2013	July 15, 2016
BCLCF131	BCLCF131.0	Ethanol	Glacial Lakes Energy LLC	53.51	Aug. 13, 2013	July 28, 2016
	BCLCF131.1	Ethanol	Glacial Lakes Energy LLC	54.78	July 29, 2016	July 28, 2019
BCLCF132	BCLCF132.0	HDRD	Diamond Green Diesel LLC	26.28	Aug. 7, 2013	Sept. 30, 2014
	BCLCF132.1	HDRD	Diamond Green Diesel LLC	23.47	Oct. 1, 2014	Sept. 30, 2017
BCLCF133	BCLCF133.0	HDRD	Diamond Green Diesel LLC	11.18	Aug. 7, 2013	Sept. 30, 2014
	BCLCF133.1	HDRD	Diamond Green Diesel LLC	13.70	Oct. 1, 2014	Sept. 30, 2017
BCLCF134	BCLCF134.0	HDRD	Diamond Green Diesel LLC	21.51	Aug. 7, 2013	Sept. 30, 2014
	BCLCF134.1	HDRD	Diamond Green Diesel LLC	24.28	Oct. 1, 2014	Sept. 30, 2017
BCLCF135	BCLCF135.0	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	28.35	July 25, 2013	Mar. 12, 2014
	BCLCF135.1	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	12.35	Mar. 13, 2014	Aug. 19, 2015
	BCLCF135.2	Biodiesel	REG Grays Harbor LLC	12.35	Aug. 20, 2015	Mar. 12, 2017
BCLCF136	BCLCF136.0	Ethanol	Permolex Ltd.	32.88	Sept. 3, 2013	Sept. 2, 2016
BCLCF137	BCLCF137.0	Ethanol	Terra Grain Fuels Inc.	57.17	June 26, 2013	June 30, 2014
BCLCF138	BCLCF138.0	Biodiesel	Archer Daniel Midland Company	20.25	Sept. 25, 2013	Feb. 28, 2015
	BCLCF138.1	Biodiesel	Archer Daniel Midland Company	6.93	Mar. 1, 2015	Feb. 28, 2018



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

Previous Fuel Code	Fuel Code	Fuel	Company	Carbon Intensity (gCO <sub>2</sub> e/MJ)	Effective Date	Expiry Date
BCLCF139	BCLCF139.0	Biodiesel	Milligan Biofuels	21.92	Sept. 30, 2013	Sept. 29, 2016
BCLCF140	BCLCF140.0	Ethanol	DENCO II LLC	62.50	Sept. 27, 2013	Mar. 17, 2016
	BCLCF140.1	Ethanol	DENCO II LLC	54.17	Mar. 18, 2016	Jan. 29, 2017
	BCLCF140.2	Ethanol	DENCO II LLC	52.50	Jan. 30, 2017	Jan. 29, 2020
BCLCF141	BCLCF141.0	Ethanol	Heartland Corn Products	53.34	Oct. 8, 2013	Oct. 7, 2016
	BCLCF141.1	Ethanol	Heartland Corn Products	50.08	Oct. 14, 2016	Oct. 13, 2019
BCLCF142	BCLCF142.0	Ethanol	Green Plains Superior LLC	52.82	Oct. 23, 2013	Oct. 22, 2016
BCLCF143	BCLCF143.0	Ethanol	Green Plains Otter Tail LLC	58.58	Oct. 23, 2013	June. 8, 2016
	BCLCF143.1	Ethanol	Green Plains Otter Tail LLC	59.85	June. 9, 2016	June. 8, 2019
BCLCF144	BCLCF144.0	HDRD	Neste Renewable Fuels (Finland)	52.45	Oct. 30, 2013	Oct. 29, 2016
BCLCF145	BCLCF145.0	HDRD	Neste Renewable Fuels (Finland)	34.20	Oct. 30, 2013	Oct. 29, 2016
BCLCF146	BCLCF146.0	HDRD	Neste Oil Singapore	18.22	Nov. 12, 2013	Sept. 6, 2016
	BCLCF146.1	HDRD	Neste Oil Singapore	18.57	Sept. 7, 2016	Sept. 6, 2019
BCLCF147	BCLCF147.0	Ethanol	ACE Ethanol LLC	58.62	Nov. 22, 2013	Nov. 21, 2016
	BCLCF147.1	Ethanol	ACE Ethanol LLC	53.47	Nov. 15, 2016	Nov. 14, 2019
BCLCF148	BCLCF148.0	HDRD	Neste Oil Singapore	57.63	Nov. 12, 2013	Nov. 11, 2014
BCLCF149	BCLCF149.0	Ethanol	Chippewa Valley Ethanol Company	59.04	Nov. 22, 2013	Nov. 21, 2016
	BCLCF149.1	Ethanol	Chippewa Valley Ethanol Company	55.62	Nov. 18, 2016	Nov. 17, 2019
BCLCF150	BCLCF150.0	Biodiesel	REG Mason City LLC	29.77	Feb. 14, 2014	Dec. 31, 2014
	BCLCF150.1	Biodiesel	REG Mason City LLC	19.73	Jan. 1, 2015	Dec. 31, 2017
BCLCF151	BCLCF151.0	Ethanol	Red River Energy LLC	62.80	Feb. 12, 2014	Feb. 1, 2016
	BCLCF151.1	Ethanol	Red River Energy LLC	56.51	Feb. 2, 2016	Jan. 23, 2017
	BCLCF151.2	Ethanol	Red River Energy LLC	52.01	Jan. 24, 2017	Jan. 23, 2020



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

<b>Previous Fuel Code</b>	<b>Fuel Code</b>	<b>Fuel</b>	<b>Company</b>	<b>Carbon Intensity (gCO<sub>2</sub>e/MJ)</b>	<b>Effective Date</b>	<b>Expiry Date</b>
BCLCF152	BCLCF152.0	Biodiesel	Kyoto Fuels Corporation	28.41	Feb. 20, 2014	Apr. 30, 2015
BCLCF153	BCLCF153.0	Ethanol	Marquis Energy Wisconsin LLC	52.43	Mar. 26, 2014	Mar. 25, 2017
BCLCF154	BCLCF154.0	Biodiesel	REG Albert Lea LLC	15.47	Nov. 27, 2013	June 30, 2014
BCLCF155	BCLCF155.0	Biodiesel	REG Albert Lea LLC	7.09	Nov. 27, 2013	June 30, 2014
BCLCF156	BCLCF156.0	Biodiesel	REG Ralston LLC	38.32	Nov. 27, 2013	Nov. 26, 2016
BCLCF157	BCLCF157.0	Biodiesel	REG Seneca LLC	24.94	Nov. 27, 2013	Nov. 26, 2016
BCLCF158	BCLCF158.0	Biodiesel	REG Seneca LLC	4.10	Nov. 27, 2013	Nov. 26, 2016
BCLCF159	BCLCF159.0	Ethanol	Marquis Energy LLC	53.71	Apr. 2, 2014	Apr. 1, 2017
BCLCF160	BCLCF160.0	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	10.10	Mar. 13, 2014	Aug. 19, 2015
	BCLCF160.1	Biodiesel	REG Grays Harbor LLC	10.10	Aug. 20, 2015	Mar. 12, 2017
BCLCF161	BCLCF161.0	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	13.28	Mar. 13, 2014	Aug. 19, 2015
	BCLCF161.1	Biodiesel	REG Grays Harbor LLC	13.28	Aug. 20, 2015	Mar. 12, 2017
BCLCF162	BCLCF162.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	36.77	May 6, 2014	Jan. 18, 2017
	BCLCF162.1	Ethanol	Future Fuel Ltd.	36.77	Jan. 19, 2017	May 5, 2017
BCLCF163	BCLCF163.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	25.18	May 6, 2014	Jan. 18, 2017
	BCLCF163.1	Ethanol	Future Fuel Ltd.	25.18	Jan. 19, 2017	May 5, 2017
BCLCF164	BCLCF164.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	32.02	May 6, 2014	Jan. 18, 2017
	BCLCF164.1	Ethanol	Future Fuel Ltd.	32.02	Jan. 19, 2017	May 5, 2017



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

<b>Previous Fuel Code</b>	<b>Fuel Code</b>	<b>Fuel</b>	<b>Company</b>	<b>Carbon Intensity (gCO<sub>2</sub>e/MJ)</b>	<b>Effective Date</b>	<b>Expiry Date</b>
BCLCF165	BCLCF165.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	20.43	May 6, 2014	Jan. 18, 2017
	BCLCF165.1	Ethanol	Future Fuel Ltd.	20.43	Jan. 19, 2017	May 5, 2017
BCLCF166	BCLCF166.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	60.04	May 6, 2014	May 5, 2015
BCLCF167	BCLCF167.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	48.46	May 6, 2014	May 5, 2015
BCLCF168	BCLCF168.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	55.30	May 6, 2014	May 5, 2015
BCLCF169	BCLCF169.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	43.71	May 6, 2014	May 5, 2015
BCLCF170	BCLCF170.0	Ethanol	Husky Energy	48.38	May 1, 2014	Dec. 31, 2014
	BCLCF170.1	Ethanol	Husky Energy	45.61	Jan. 1, 2015	Dec. 31, 2017
BCLCF171	BCLCF171.0	Ethanol	Husky Energy	14.31	May 1, 2014	Dec. 31, 2014
	BCLCF171.1	Ethanol	Husky Energy	13.89	Jan. 1, 2015	Dec. 31, 2017
BCLCF172	BCLCF172.0	Ethanol	Husky Energy	69.03	May 1, 2014	Dec. 31, 2014
	BCLCF172.1	Ethanol	Husky Energy	50.09	Jan. 1, 2015	Dec. 31, 2017
BCLCF173	BCLCF173.0	Ethanol	Husky Energy	34.95	May 1, 2014	Dec. 31, 2014
	BCLCF173.1	Ethanol	Husky Energy	18.37	Jan. 1, 2015	Dec. 31, 2017
BCLCF174	BCLCF174.0	Ethanol	Husky Energy	81.64	May 1, 2014	Dec. 31, 2014
	BCLCF174.1	Ethanol	Husky Energy	74.91	Jan. 1, 2015	Dec. 31, 2017
BCLCF175	BCLCF175.0	Ethanol	Husky Energy	47.56	May 1, 2014	Dec. 31, 2014
	BCLCF175.1	Ethanol	Husky Energy	43.14	Jan. 1, 2015	Dec. 31, 2017
BCLCF176	BCLCF176.0	Ethanol	Husky Energy	75.24	May 1, 2014	Dec. 31, 2014
	BCLCF176.1	Ethanol	Husky Energy	65.37	Jan. 1, 2015	Dec. 31, 2017



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

Previous Fuel Code	Fuel Code	Fuel	Company	Carbon Intensity (gCO <sub>2</sub> e/MJ)	Effective Date	Expiry Date
BCLCF177	BCLCF177.0	Ethanol	Husky Energy	41.17	May 1, 2014	Dec. 31, 2014
	BCLCF177.1	Ethanol	Husky Energy	33.65	Jan. 1, 2015	Dec. 31, 2017
BCLCF178	BCLCF178.0	Ethanol	Husky Energy	46.52	May 1, 2014	Dec. 31, 2014
	BCLCF178.1	Ethanol	Husky Energy	53.34	Jan. 1, 2015	Dec. 31, 2017
BCLCF179	BCLCF179.0	Ethanol	Husky Energy	55.55	May 1, 2014	Dec. 31, 2014
	BCLCF179.1	Ethanol	Husky Energy	54.43	Jan. 1, 2015	Dec. 31, 2017
BCLCF180	BCLCF180.0	Ethanol	Husky Energy	67.43	May 1, 2014	Dec. 31, 2014
	BCLCF180.1	Ethanol	Husky Energy	69.41	Jan. 1, 2015	Dec. 31, 2017
BCLCF181	BCLCF181.0	Ethanol	Maple Biocombustibles	33.31	June 2, 2014	June 1, 2017
BCLCF182	BCLCF182.0	Ethanol	Green Plains Shenandoah LLC	50.30	June 5, 2014	June 8, 2016
	BCLCF182.1	Ethanol	Green Plains Shenandoah LLC	53.32	June 9, 2016	June 8, 2019
BCLCF183	BCLCF183.0	Ethanol	Terra Grain Fuels	64.17	June 17, 2014	Mar. 2, 2016
	BCLCF183.1	Ethanol	Terra Grain Fuels	56.32	Mar. 3, 2016	Mar. 2, 2019
BCLCF184	BCLCF184.0	Ethanol	Terra Grain Fuels	51.22	June 17, 2014	Mar. 2, 2016
	BCLCF184.1	Ethanol	Terra Grain Fuels	45.00	Mar. 3, 2016	Mar. 2, 2019
BCLCF185	BCLCF185.0	Ethanol	Big River Resources	52.45	June 18, 2014	June 17, 2017
BCLCF186	BCLCF186.0	Biodiesel	REG Albert Lea	15.36	June 30, 2014	June 29, 2017
BCLCF187	BCLCF187.0	Biodiesel	REG Albert Lea	-0.05	June 30, 2014	June 29, 2017
BCLCF188	BCLCF188.0	Biodiesel	REG Albert Lea	5.29	June 30, 2014	June 29, 2017
BCLCF189	BCLCF189.0	Biodiesel	REG Albert Lea	7.55	June 30, 2014	June 29, 2017
BCLCF190	BCLCF190.0	Ethanol	Trestle Energy	29.68	Oct. 15, 2014	Oct. 14, 2015
BCLCF191	BCLCF191.0	Ethanol	Trestle Energy	35.66	Oct. 15, 2014	Oct. 14, 2015
BCLCF192	BCLCF192.0	Ethanol	Trestle Energy	29.10	Oct. 15, 2014	Oct. 14, 2015





**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

<b>Previous Fuel Code</b>	<b>Fuel Code</b>	<b>Fuel</b>	<b>Company</b>	<b>Carbon Intensity (gCO<sub>2</sub>e/MJ)</b>	<b>Effective Date</b>	<b>Expiry Date</b>
BCLCF193	BCLCF193.0	Ethanol	Mid Missouri Energy LLC	52.86	Nov. 18, 2014	Nov. 17, 2017
BCLCF194	BCLCF194.0	HDRD	REG Geismar LLC	6.85	Nov. 24, 2014	Nov. 17, 2015
	BCLCF194.1	HDRD	REG Geismar LLC	21.57	Nov. 18, 2015	Nov. 17, 2018
BCLCF195	BCLCF195.0	HDRD	REG Geismar LLC	18.52	Nov. 24, 2014	Nov. 17, 2015
	BCLCF195.1	HDRD	REG Geismar LLC	30.16	Nov. 18, 2015	Nov. 17, 2018
BCLCF196	BCLCF196.0	HDRD	REG Geismar LLC	21.95	Nov. 24, 2014	Nov. 17, 2015
	BCLCF196.1	HDRD	REG Geismar LLC	33.30	Nov. 18, 2015	Nov. 17, 2018
BCLCF197	BCLCF197.0	HDRD	REG Geismar LLC	19.59	Nov. 24, 2014	Nov. 17, 2015
	BCLCF197.1	HDRD	REG Geismar LLC	31.76	Nov. 18, 2015	Nov. 17, 2018
BCLCF198	BCLCF198.0	HDRD	REG Geismar LLC	27.43	Nov. 24, 2014	Nov. 17, 2015
	BCLCF198.1	HDRD	REG Geismar LLC	37.89	Nov. 18, 2015	Nov. 17, 2018
BCLCF199	BCLCF199.0	Biodiesel	REG Mason City LLC	9.54	Jan. 1, 2015	Dec. 31, 2017
BCLCF200	BCLCF200.0	Biodiesel	REG Mason City LLC	18.45	Jan. 1, 2015	Dec. 31, 2017
BCLCF201	BCLCF201.0	Biodiesel	REG Mason City LLC	25.01	Jan. 1, 2015	Dec. 31, 2017
BCLCF202	BCLCF202.0	Biodiesel	REG Mason City LLC	16.12	Jan. 1, 2015	Dec. 31, 2017
BCLCF203	BCLCF203.0	Biodiesel	REG Mason City LLC	20.46	Jan. 1, 2015	Dec. 31, 2017
BCLCF204	BCLCF204.0	Biodiesel	REG Mason City LLC	16.14	Jan. 1, 2015	Dec. 31, 2017
BCLCF205	BCLCF205.0	Ethanol	AltEn LLC	56.11	Jan. 9, 2015	Jan. 8, 2016
BCLCF206	BCLCF206.0	Ethanol	AltEn LLC	31.44	Jan. 9, 2015	Jan. 8, 2016
BCLCF207	BCLCF207.0	Ethanol	AltEn LLC	46.02	Jan. 9, 2015	Jan. 8, 2016
BCLCF208	BCLCF208.0	Ethanol	AltEn LLC	21.36	Jan. 9, 2015	Jan. 8, 2016



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

Previous Fuel Code	Fuel Code	Fuel	Company	Carbon Intensity (gCO <sub>2</sub> e/MJ)	Effective Date	Expiry Date
BCLCF209	BCLCF209.0	Ethanol	Badger State Ethanol (formerly Murex LLC)	46.86	May 1, 2015	Feb. 23, 2016
	BCLCF209.1	Ethanol	Badger State Ethanol	46.86	Feb. 24, 2016	Apr. 30, 2018
BCLCF210	BCLCF210.0	HDRD	Neste Oil Singapore	48.73	Jan. 1, 2015	Dec. 31, 2017
BCLCF211	BCLCF211.0	HDRD	Neste Oil Singapore	76.45	Jan. 1, 2015	Dec. 31, 2017
BCLCF212	BCLCF212.0	HDRD	Neste Oil Singapore	30.60	Jan. 1, 2015	Dec. 31, 2017
BCLCF213	BCLCF213.0	Biodiesel	T6 Industrial S.A.	14.40	Apr. 21, 2015	Apr. 20, 2018
BCLCF214	BCLCF214.0	Biodiesel	SK Chemicals Co. Ltd.	98.96	Apr. 14, 2015	Apr. 13, 2018
BCLCF215	BCLCF215.0	Biodiesel	SK Chemicals Co. Ltd.	16.85	Apr. 14, 2015	Apr. 13, 2018
BCLCF216	BCLCF216.0	Biodiesel	SK Chemicals Co. Ltd.	16.23	Apr. 14, 2015	Apr. 13, 2018
BCLCF217	BCLCF217.0	Biodiesel	BIOX Canada Ltd.	17.08	May 26, 2015	May 25, 2018
BCLCF218	BCLCF218.0	Biodiesel	BIOX Canada Ltd.	28.92	May 26, 2015	May 25, 2018
BCLCF219	BCLCF219.0	Biodiesel	BIOX Canada Ltd.	18.19	May 26, 2015	May 25, 2018
BCLCF220	BCLCF220.0	Biodiesel	BIOX Canada Ltd.	0.16	May 26, 2015	May 25, 2018
BCLCF221	BCLCF221.0	Biodiesel	BIOX Canada Ltd.	-15.74	May 26, 2015	May 25, 2018
BCLCF222	BCLCF222.0	Ethanol	Dakota Spirit AgEnergy	39.63	Aug. 26, 2015	Aug. 25, 2018
BCLCF223	BCLCF223.0	Biodiesel	Consolidated Biofuels Ltd.	5.04	Oct. 1, 2015	Sept. 30, 2018
BCLCF224	BCLCF224.0	Ethanol	Pound-Maker Agventures	32.34	Oct. 15, 2015	Oct. 14, 2018
-	BCLCF225.0	Ethanol	Husky Energy	41.87	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF226.0	Ethanol	Husky Energy	10.15	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF227.0	Ethanol	Husky Energy	46.35	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF228.0	Ethanol	Husky Energy	14.63	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF229.0	Ethanol	Husky Energy	71.18	Jan. 1, 2015	Dec. 31, 2017



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

<b>Previous Fuel Code</b>	<b>Fuel Code</b>	<b>Fuel</b>	<b>Company</b>	<b>Carbon Intensity (gCO<sub>2</sub>e/MJ)</b>	<b>Effective Date</b>	<b>Expiry Date</b>
-	BCLCF230.0	Ethanol	Husky Energy	39.46	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF231.0	Ethanol	Husky Energy	61.63	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF232.0	Ethanol	Husky Energy	29.91	Jan. 1, 2015	Dec. 31, 2017
-	BCLCF233.0	Ethanol	Husky Energy	44.50	Jan. 1, 2016	Dec. 31, 2018
-	BCLCF234.0	Ethanol	Husky Energy	45.56	Jan. 1, 2016	Dec. 31, 2018
-	BCLCF235.0	Ethanol	Husky Energy	60.34	Jan. 1, 2016	Dec. 31, 2018
-	BCLCF236.0	Biodiesel	Cargill Inc.	-3.64	Apr. 1, 2016	Mar. 31, 2019
-	BCLCF237.0	Ethanol	Green Plains Wood River LLC	54.66	May 16, 2016	May 15, 2019
-	BCLCF238.0	Ethanol	Green Plains Fairmont LLC	61.73	May 16, 2016	May 15, 2019
-	BCLCF239.0	Ethanol	Redfield Energy LLC	49.72	July 22, 2016	July 21, 2019
-	BCLCF240.0	Ethanol	Aberdeen Energy LLC	54.55	July 29, 2016	July 28, 2019
-	BCLCF241.0	HDRD	Neste Oil Singapore	26.93	Sept. 7, 2016	Sept. 6, 2019
-	BCLCF242.0	Ethanol	Permolex Ltd.	33.54	Sept. 3, 2016	Sept. 2, 2019
-	BCLCF243.0	Ethanol	Permolex Ltd.	40.11	Sept. 3, 2016	Sept. 2, 2019
-	BCLCF244.0	Ethanol	Energem Alberta Biofuels LP	-54.80	Dec. 7, 2016	Dec. 6, 2017
-	BCLCF245.0	LNG	FortisBC Energy Inc.	63.04	Jan. 1, 2017	Dec. 31, 2019
-	BCLCF246.0	Ethanol	Mid America Agri Products/Wheatland LLC	46.87	Mar. 7, 2017	Mar. 6, 2020



**Ministry of  
Energy and Mines**

*Issued: July 2013  
Revised: March 2017*

Renewable and Low Carbon Fuel Requirements Regulation

**Approved Carbon Intensities**

**Information Bulletin RLCF-012**

**Need more information?**

Please see the Renewable and Low Carbon Fuel website at [www.gov.bc.ca/lowcarbonfuels](http://www.gov.bc.ca/lowcarbonfuels) or email us at [lcfr@gov.bc.ca](mailto:lcfr@gov.bc.ca)

This information is for your convenience and guidance only, and does not replace or constitute legal advice. The *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements) Act* and the Renewable and Low Carbon Fuel Requirements Regulation can be found on the internet at: <http://www.bclaws.ca>.