FTA Product Codes

FTA Motor Fuel Tax Section Uniformity Committee
Product Codes for Uniform Forms

Procedures for additions/deletions/modifications

In order to promote consistency and uniformity in the implementation of Motor Fuel Tax Reporting, the Uniformity Committee has developed a listing of FTA Product Codes to be used for the uniform report forms.

Anyone needing a product code not on this list should follow the procedures outlined below:
The State Tax Administrator should submit the request to the current Forms Management Subcommittee state co-chair detailing the information using the FTA -Motor Fuel Uniformity Committee-Uniform Reporting Subcommittee Request Form for Product Code. (see next page for form) The form may be submitted through e-mail or regular mail. The request includes the following:

1. The name and description of the product(s).
2. Provide product characteristics. Include an explanation of the product code and why existing product codes do not meet your needs. It is recommended a representative of your state, knowledgeable of this topic, attend the Forms Management subcommittee meeting where this will be discussed.
3. The date the product code is needed.

The current Forms Management state co-chair, upon receipt of the written request, shall take the following actions:

1. Review the most current listing of FTA product codes to determine if the requested product code already exists. If a new number is needed, the Forms Management state co-chair will assign the new product code.
2. Distribute copies to Forms Management Subcommittee members for review and discussion.
3. Place the proposed addition/deletion/modification on the agenda of the next Uniformity Committee Meeting for formal adoption. It is highly recommended that the requestor be present for any discussion regarding the adoption of the requested product code.
4. If the proposed addition/deletion/modification is adopted, revise the FTA Product Code List.
5. If the proposed addition/deletion/modification is not approved, inform the requesting administrator of the reasons for the rejection and the proper product code number to be used.

If a product code must be assigned before the above mentioned approval process can be completed, the state co-chair person may assign a product code number temporarily. This product code number will be reviewed for adoption at the next Forms Management meeting. To receive a product code number before the next Uniformity Meeting, follow these steps:

1. Complete the FTA-Motor Fuel Uniformity Committee-Uniform Reporting Subcommittee Request Form for Product Code.
2. Submit the request to the Forms Management Subcommittee state co-chair.
3. The Forms Management Subcommittee state co-chair will evaluate the request and respond to the requestor within one week of the receipt of the request.

FTA Motor Fuel Uniformity Committee
Uniform Reporting Subcommittee
Request Form for Product Code

Date Requested:_____
Name of Product: _____
Description of Product: _____

Product Characteristics: Mark all that pertain to product.

Characteristic	Value
Cetane/octane 4	_____
Oxygenated/rbob type 5	_____
Oxygenate percent % v 6	_____
Additized 7	_____
Rvp percentage 8	_____
Regulatory oxy % 9	_____
Voc 10	_____
Fungible/serge (f/s) 11	_____
Dyes 12	_____
Sulfur content 13	_____
Am	_____
M1	_____
M2	_____
M4	_____
M5	_____
M6	_____
M7	_____
M8	_____
M9	_____
M10	_____
M11	_____
M12	_____

Additional Comments:_____
_____
_____
_____

Contact Name:_____
Contact Phone:_____
Contact Fax:_____

Uniform Forms Co Chairs
State:_____ Date Issued:_____
State Co Chair Phone:_____
Industry:_____ Product Code Approved:_____
Industry Co Chair Phone:_____

Product Characteristics Definitions:

CETANE/OCTANE 4: The numeric value of the cetane or octane.

OXYGENATED/RBOB TYPE 5: A single alpha-numeric character indicating if the product is oxygenated and if so, with which oxygenate. Additionally, if the product is an RBOB, this field describes the type of RBOB. Acceptable values and definitions are: A=ETHANOL, B=ANY RENEWABLE OXYGENATE, E=ETHER, M=MTBE, N=NONE, O=ANY OXYGENATE, R=ETBE(ANY RENEWABLE), S=REFINER SPECIFIED,T=TAME.

OXYGENATE PERCENT % V 6: Percent of oxygenate (type chosen in field 5) volume.

ADDITIZED 7: A single alpha-numeric character indicating if the product is additized and if so, with what. Acceptable values and definitions are: Y=ADDITIZED TYPE NOT DETERMINED, P=ADDITIZED WITH PROPRIETARY ADDITIVE (additive would be proprietary if it is the proprietary additive of the final seller of the product.), G=ADDITIZED WITH GENERIC ADDITIVE, N=NOT ADDITIZED.

RVP PERCENTAGE 8: Reid Vapor Pressure Percentage.

REGULATORY OXY % 9: Numeric value of the Regulatory Oxy Percentage.

VOC 10: A single alpha-numeric character indicating whether the product is controlled by a Volatile Organic Compound Region and if so which one. Acceptable values are: 1=Region 1, 2=Region 2, N=Not VOC Controlled.

FUNGIBLE/SEGRE (F/S) 11: A single alpha-numeric character indicating whether the product is fungible or segregated. Acceptable values are:
F=Fungible, S=Segregated.

DYES 12: A single alpha-numeric character indicating if the product contains a
dye. Acceptable values are: Y=Yes, N=No.

SULPHUR CONTENT 13: A numeric indication of t
he sulfur content of the product. (If the sulfur content is .06 % or higher, the product is considered to be a high sulfur product. If the sulfur content is .05 % or lower, the product is considered to be a low sulfur product.)

COMMENTS 14: Various additional information about the product.

Additive message **(AM)** indicators are in the AM (additive message) field of the Petroleum Feedstocks and Refined Product Code database. Message indicators for the AM field are 1 through 6:

1	Base gasoline - not for sale to the ultimate customer
2	Detergent
3	Detergent additized gasoline
4	Specifically name detergent - additized oxygenate
5	Detergent - additized gasoline blending stock
6	Base gasoline - no additive

Indicators for the following EPA message fields will be set to "Y" if the message applies to the product:

M1	"Reformulated gasoline meets max 1.3 vol % benzene, min 1.5 wt % oxygen, max 2.7 wt % oxygen"
M2	"Reformulated gasoline meets max 1.3 vol % benzene, min 1.5 wt % oxygen, max 3.5 wt % oxygen"
	Exception to the "min 1.5 wt % oxygen" in M1 & M2 are the following areas which are "min 1.6 wt % oxygen" (The boundaries of the covered areas are described in detail in 40 CFR. 80.70):
1.	Philadelphia-Wilmington-Trenton area
2.	Baltimore, MD area
3.	Houston-Galveston-Brazoria, TX area
4.	The Atlantic City, NJ area comprised of Atlantic County, Cape May County
5.	The Dallas-Fort Worth, TX area comprised of Collin County, Dallas County, Denton County, Tarrant County
6.	Norfolk-Virginia Beach-Newport News (Hampton Roads), VA area composed of Chesapeake, Hampton, James City County, Newport News, Norfolk, Poquoson, Suffolk, Virginia Beach, Williamsburg, York County
7.	Richmond, VA area comprised of Charles City County, Chesterfield County, Colonial Heights, Hanover County, Henrico County, Hopewell, Richmond
8.	Washington D.C. area comprised of The District of Columbia, Calvert County MD, Charles County MD, Frederick County MD, Montgomery County MD, Prince Georges County MD, Alexandria VA, Arlington County VA, Fairfax VA, Fairfax County VA, Falls Church VA, Loudon County VA, Manassas VA, Manassas Park VA, Prince William County VA, Stafford County VA
M4	"VOC-Controlled for Region 1, suitable for Region 2, meets VOC reduction minimum of 25.0%."
M5	"VOC-Controlled for Region 2, meets VOC reduction minimum of 23.4%."
M6	"Not VOC-Controlled"
M7	"Oxy Fuels Program RFG" (Message may not be needed after 12/31/97.)
M8	"Not Oxy Fuels Program RFG" (Message may not be needed after 12/31/97.)
M9	"Conventional Gasoline - this product does not meet the requirements for reformulated gasoline and may not be used in any reformulated area". May contain ethers.
M10	"Reformulated gasoline blendstock, meets maximum 1.3 wt% benzene; cannot be combined with RFG or with any other RBOB except other RBOB having the same requirements for oxygenate types and amounts"
M11	"Blend RBOB with any oxygenate to 2.0 wt % and 5.7 vol % oxygen content"
M12	"Blend RBOB with ether only oxygenate to 2.0 wt % and 10.8 vol % oxygen content"
ATLANTA GEORGIA GASOLINE MESSAGE: (Eff: 5/1/99) If product is delivered into any of the following Georgia counties, this message applies: **"ATLANTA GA GASOLINE: MEETS 150 PPM AVERAGE SULPHUR AT THE REFINERY OF ORIGIN".**	

County	State/Cty Code	County	State/Cty Code
Gwinnett	10007	Hall	10009
Haralson	10011	Henry	10015
Jackson	10018	Newton	10047
Paulding	10050	Pickens	10052
Rockdale	10062	Spaulding	10066
Walton	10087	Fulton	60000
De Kalb	60002	Barrow	60026
Bartow	60027	Butts	60037
Carrol	60041	Cherokee	60047
Clayton	60051	Cobb	60053
Coweta	60058	Dawson	60062
Douglas	60067	Fayette	60075
Forsyth	60077		

Effective September 1, 1999 the following new regulatory message applies to all California (state-wide) motor gasoline invoices and bills of lading:

"THIS GASOLINE CONTAINS 0.6 PERCENT BY VOLUME OR MORE MTBE"

Effective December 1, 1999, the following new regulatory message applies to all California (state-wide) motor gasoline invoices and bills of lading (replacing the message above):

"THIS GASOLINE CONTAINS 0.6 PERCENT OR MORE BY VOLUME MTBE"

Uniform Forms
FTA Product Codes

FTA Motor Fuel Tax Section Uniformity and the Canadian Fuel Tax Council have adopted the following codes for the product codes to be used on the Uniform Forms. If a product code is not listed, see the FTA Motor Fuels Uniformity Manual.

Product	Sub-Product Codes	Product Codes
Alcohol		123
Ethanol (100%)	E00	
Methanol (100%)	M00	
Asphalt		188
Aviation Gasoline		125
Blending Components		122
Additive Miscellaneous	090	
Benzene	248	
Butane, including butane-propane mix	055	
Butylene	198	
CBOB	301	
ETBE	249	
Ethane	052	
Ethylene	196	
Isobutane	058	
MTBE	093	
Methane	265	
Napthas	126	
Pentanes, including isopentanes	059	
Propylene	075	
Raffinates	223	
RBOB	302	
TAME	121	
Toluene	199	
Waste Oil	091	
Xylene	076	
Compressed Natural Gas (CNG)		224
Crude Oil		001
Diesel Fuel Group – Dyed		
Biodiesel – Dyed		171
Biodiesel - Dyed (100%)	D00	
(Percentage of biodiesel-dyed)	D01-D99	
Diesel Fuel – Dyed		228
High Sulfur Diesel – Dyed	226	
Low Sulfur Diesel – Dyed	227	

Products	Sub-Product Codes	Product Codes
Ultra Low Sulfur Diesel – Dyed	314	
No. 1 Diesel – Dyed	231	
Diesel Fuel #4 – Dyed	153	
Kerosene – Dyed		072
Low Sulfur Kerosene – Dyed	073	
High Sulfur Kerosene – Dyed	074	
Diesel Fuel Group – Undyed		
Biodiesel – Undyed		170
Biodiesel - Undyed (100%)	B00	
(Percentage of biodiesel-undyed)	B01-B99	
Diesel Fuel – Undyed		160
Low Sulfur diesel #1 – Undyed	161	
Low Sulfur Diesel #2 – Undyed	167	
Ultra Low Sulfur Diesel – Undyed	313	
No. 1 Fuel Oil – Undyed	150	
Diesel Fuel #4 – Undyed	154	
#1 High Sulfur Diesel – Undyed	282	
#2 High Sulfur Diesel – Undyed	283	
Kerosene – Undyed		142
Low Sulfur Kerosene – Undyed	145	
High Sulfur Kerosene – Undyed	147	
Excluded Liquid (Mineral Oil)		077
Gasoline Fuel Group		
Gasohol Blend (Rollup Code)		124
Percentage of Ethanol	E01-E99	
Percentage of Methanol	M01-M99	
Gasoline		065
Gasoline MTBE		071
Heating Oil		152
Hydrogen		259
Jet Fuel		130
Liquid Natural Gas (LNG)		225
Marine Gas Oil		280
Marine Diesel Oil		279
Mineral Oils		281
Natural Gasoline		061
Organic Oils		960
Propane		054
Residual Fuel Oil		175

Products	Sub-Product Codes	Product Codes
Soy Oil		285
Transmix		100
Undefined Products	0	092

Mode Codes

Transaction Type Mode Codes	
Code	**Description**
J	Truck
R	Rail
B	Barge
S	Ship
PL	Pipeline
GS	Gas Station
BA	Book Adjustment
ST	Stationary Transfer
RT	Removal from Terminal (other than by truck or rail) for sale or consumption)

Uniform Forms
COMPARISON OF STCC *(Standard Transportation Commodity Classification)* PRODUCT CODES TO FTA Product Codes

NOTE: This comparison is for information purposes only.

Product	FTA Code	STCC Code
Alcohol	123	28 184 45
Ethanol (100%)	E00	
(Percentage of ethanol)	E01-E99	
Gasohol	124	29 111 50
Methanol		
Methanol (100%)	M00	
(Percentage of methanol)	M01-M99	
Blending Components	122	
Asphalt	188	29 522 20
Aviation Gasoline	125	29 111 51
Benzene	248	29 119 10
Butane, including butane-propane mix	055	29 121 81
Butylene	198	29 121 81
ETBE	249	
Ethane	052	29 121 20
Ethylene	196	29 121 20
Isobutane	058	29 121 12
MTBE	093	28 182 71
Methane	265	
Napthas	126	29 112 82
Pentanes, including isopentanes	059	29 112 25
Propylene	075	29 121 28
Raffinates	223	
TAME	121	
Toluene	199	28 141 67
Waste Oil	091	
Xylene	076	28 141 70
Biodiesel – Undyed	170	28 994 16
Biodiesel - Undyed (100%)	B00	
(Percentage of biodiesel-undyed)	B01-B99	
Biodiesel – Dyed	171	28 994 16
Biodiesel - Dyed (100%)	D00	
(Percentage of biodiesel-dyed)	D01-D99	

Product	FTA Code	STCC Code
Compressed Natural Gas (CNG)	224	28 994 16
Crude Oil	001	
Diesel Fuel – Dyed	228	29 113 26
High Sulfur Diesel – Dyed	226	
Low Sulfur Diesel – Dyed	227	
No 1 Diesel – Dyed	231	29 113 26
No 2 Diesel – Dyed	N/A	29 113 27
No 4 Diesel – Dyed	153	29 113 29
No 5 Diesel – Dyed	N/A	29 117 20
Fuel Oil Bunker “C”	N/A	29 117 17
Diesel Fuel – Undyed	160	
Low Sulfur diesel #1 – Undyed	161	
Low Sulfur Diesel #2 – Undyed	167	
No. 1 Fuel Oil – Undyed	150	29 113 26
Diesel Fuel #4 – Undyed	154	29 113 29
#1 High Sulfur Diesel – Undyed	282	29 113 26
#2 High Sulfur Diesel – Undyed	283	29 113 27
Mineral Oil	077	29 114 25
Gasoline	065	29 119 90
Gasoline MTBE	071	
Heating Oil	152	29 113 30
Hydrogen	259	28 134 60
Jet Fuel	130	29 111 30
Kerosene – Undyed	142	29 112 31 29 112 25
Low Sulfur Kerosene – Undyed	145	
High Sulfur Kerosene – Undyed	147	
Kerosene – Dyed	072	29 112 31 29 112 25
Low Sulfur Kerosene – Dyed	073	
High Sulfur Kerosene – Dyed	074	
Liquid Natural Gas (LNG)	225	
Marine Gas Oil	280	
Marine Diesel Oil	279	

Product	FTA Code	STCC Code
Mineral Oils	281	
Natural Gasoline	061	13 211 10
Organic Oils	960	
Propane	054	29 121 11
Residual Fuel Oil	175	29 117 15
Soy Oil	285	20 921 10
Transmix	100	
Undefined Products	092	