

OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: CAECT06.27HA-012

Effective Date: 11/14/2011

Expiration Date: 12/31/2012

Mary J. Manners

yron J. Bunker, Acting Division Director Compliance Division **Issue Date:** 11/14/2011

 $\frac{Revision\ Date:}{N/A}$

Test Group Name: CAECT06.27HA

Evaporative/Refueling Family Name: CAECF0265GA1

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 8

Applicable Evaporative/Refueling Standards: Federal Tier 2 Evap

Engine Displacement: 6.2 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F350 Incomplete 2WD, F350 Incomplete 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2012 to operate on gasoline or E85 and have been modified by the above named manufacturer to

operate on CNG.

Ford test group CFMXT06.27HL, evap family CFMXF0265GAS

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c).

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 20 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 20 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, and 600 as applicable and which are produced during the 2012 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: CAECT06.27HA-011

Effective Date: 11/14/2011

Expiration Date: 12/31/2012

nary J. Marners'

Byron J. Bunker, Acting Division Director Compliance Division **Issue Date:** 11/14/2011

 $\frac{Revision\ Date:}{N/A}$

Test Group Name: CAECT06.27HA

Evaporative/Refueling Family Name: CAECR0250NB3

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 8

Applicable Evaporative/Refueling Standards: Federal Tier 2 Evap

Engine Displacement: 6.2 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F250 Pickup 2WD, F250 Pickup 4WD, F350 2WD, F350 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2012 to operate on gasoline or E85 and have been modified by the above named manufacturer to

operate on CNG.

Ford test group CFMXT06.27HL, evap family CFMXR0250NBS

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c).

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 20 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 20 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, and 600 as applicable and which are produced during the 2012 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: CAECT06.27HA-010

Effective Date: 11/14/2011

Expiration Date: 12/31/2012

nary J. Marners'

Syron J. Bunker, Acting Division Director Compliance Division **Issue Date:** 11/14/2011

 $\frac{Revision\ Date:}{N/A}$

Test Group Name: CAECT06.27HA

Evaporative/Refueling Family Name: CAECF0250NB3

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 8

Applicable Evaporative/Refueling Standards: Federal Tier 2 Evap

Engine Displacement: 6.2 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F250 2WD Bed Delete, F250 4WD Bed Delete, F350 4WD Bed Delete, F350 2WD, F350 2WD Bed Delete, F350 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2012 to operate on gasoline or E85 and have been modified by the above named manufacturer to

operate on CNG.

Ford test group CFMXT06.27HL, evap family CFMXF0250NBS

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c).

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 20 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 20 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, and 600 as applicable and which are produced during the 2012 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: CAECT06.27HL-009

Effective Date: 11/14/2011

Expiration Date: 12/31/2012

mary J. marners

Syron J. Bunker, Acting Division Director Compliance Division **Issue Date:** 11/14/2011

 $\frac{Revision\ Date:}{N/A}$

Test Group Name: CAECT06.27HL

Evaporative/Refueling Family Name: CAECF0265GAS

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 8

Applicable Evaporative/Refueling Standards: Federal Tier 2 Evap

Engine Displacement: 6.2 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F350 Incomplete 2WD, F350 Incomplete 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2012 to operate on gasoline or E85 and have been modified by the above named manufacturer to operate on gasoline/85 or CNG.

Ford test group CFMXT06.27HL, evap family CFMXF0265GAS

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c).

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 20 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 20 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, and 600 as applicable and which are produced during the 2012 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, and 600 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: CAECT06.27HL-008

Effective Date: 11/14/2011

Expiration Date: 12/31/2012

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Byron J. Bunker, Acting Division Director Compliance Division **Issue Date:** 11/14/2011

 $\frac{\text{Revision Date:}}{N/A}$

Test Group Name: CAECT06.27HL

Evaporative/Refueling Family Name: CAECR0250NB2

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 8

Applicable Evaporative/Refueling Standards: Federal Tier 2 Evap

Engine Displacement: 6.2 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F250 Pickup 2WD, F250 Pickup 4WD, F350 2WD, F350 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2012 to operate on gasoline or E85 and have been modified by the above named manufacturer to

operate on gasoline/E85 or CNG.

Ford test group CFMXT06.27HL, evap family CFMXR0250NBS

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, and 600 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c).

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OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: CAECT06.27HL-007

Effective Date: 11/14/2011

Expiration Date: 12/31/2012

Mary J. Marners

Syron J. Bunker, Acting Division Director Compliance Division **Issue Date:** 11/14/2011

 $\frac{Revision\ Date:}{N/A}$

Test Group Name: CAECT06.27HL

Evaporative/Refueling Family Name: CAECF0250NB2

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 8

Applicable Evaporative/Refueling Standards: Federal Tier 2 Evap

Engine Displacement: 6.2 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F250 2WD Bed Delete, F250 4WD Bed Delete, F350 4WD Bed Delete, F350 2WD, F350 2WD Bed Delete, F350 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2012 to operate on gasoline or E85 and have been modified by the above named manufacturer to

operate on gasoline/E85 or CNG.

Ford test group CFMXT06.27HL, evap family CFMXF0250NBS

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, and 600 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, and 600 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, and 600 as applicable at both high and low altitude as applicable.

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