2021



Instructions for Form 8933

Carbon Oxide Sequestration Credit

Section references are to the Internal Revenue Code unless otherwise noted.

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Future Developments

For the latest information about developments related to Form 8933 and its instructions, such as legislation enacted after they were published, go to IRS.gov/Form8933.

What's New

Proposed and final regulations, model certificates, and expanded Form 8933. Per the January 2021 Treasury Decision 9944 (TD) (final regulations for section 45Q) and the June 2020 Notice of Proposed Rulemaking (NPRM) (REG-112339-19) that preceded it, section 45Q projects may involve multiple legal contracts with multiple parties for the capture, utilization, or disposal of carbon oxides and, generally to claim the credit, the existence of each contract and the parties involved must be reported on Form 8933 annually. For this reporting, filers should use attachments substantially similar to the model certificates shown at the end of these instructions. Form 8933 is expanded from 9 lines to 12 lines, as follows: (1) Checkboxes are added as new Part I for certain elections

or whether carbon oxide was captured. (2) The credit rate lines are separated into Parts II and III, for elections applicable to before or after February 9, 2018, the date of enactment of the Bipartisan Budget Act (BBA), which rewrote and expanded section 45Q. (3) Lines 7–11 under new Part IV are the same as old lines 5–9. (4) Line 12 is added for recapture of the credit.

Note. For tax years beginning on or after January 13, 2021, you must follow the provisions of the TD. For all other 2021 tax years you may elect to apply either the provisions of the NPRM or of the TD, but you must apply them in their entirety and in a consistent manner.

Credit reduced for certain tax-exempt bonds. The Infrastructure Investment and Jobs Act provides that a section 45Q project can be financed with tax-exempt section 142 bonds issued after December 31, 2021, but this will reduce any section 45Q credit arising from the project. See *Coordination With Section 142 Bond Financing*, later.

Credit rates and applicable dollar amounts. The credit rates for lines 1b, 2b, and 3b are adjusted for inflation and increased, per Notice 2021-35. The applicable dollar amounts for lines 4b, 5b, and 6b are established by linear interpolation between statutory dollar amounts and increased, per Notice 2018-93. See 2021 credit rates and applicable dollar amounts, later.

Reminder

Beginning of construction date extended. Section 45Q was amended by the Consolidated Appropriations Act of 2021, to extend the beginning of construction deadline for qualified facilities and carbon capture equipment by 2 years (must begin before January 1, 2026).

General Instructions

Purpose of Form

Use Form 8933 to claim the section 45Q carbon oxide sequestration credit. See *Definitions*, later.

For purposes of this form, a partner in a partnership that has made a valid section 761(a) election will be considered the taxpayer. Partnerships with valid section 761(a) elections aren't required to complete or file this form. Instead, the partner is required to complete and file this form in a manner commensurate with its undivided ownership interest in the qualified facility. Also, see Rev. Proc. 2020-12, 2020-11, I.R.B. 511, for allocation safe harbor.

However, if you elect to use the TD, the section 761(a) election applies only in the case of qualified carbon oxide captured using carbon capture equipment that's originally placed in service at a qualified facility before February 9, 2018. For qualified carbon oxide captured using carbon capture equipment that's originally placed in service at a qualified facility on or after February 9, 2018, for each

single process train of carbon capture equipment (as described in Regulations section 1.45Q-2(c)(3)), only one taxpayer will be considered the person to whom the credit is attributable and only that taxpayer may claim the section 45Q credit. See Regulations section 1.45Q-1(h) (1).

Taxpayers other than partnerships or S corporations whose only source of this credit is from those pass-through entities (other than a partnership with a valid 761(a) election) aren't required to complete or file this form. Instead, report this credit directly on line 1x in Part III of Form 3800, General Business Credit.

How To Figure the Credit

Subject to the section 45Q(f)(3)(B) election (discussed later), section 45Q(a)(1) allows a credit of \$20 per metric ton of qualified carbon oxide captured by you using carbon capture equipment that is (1) originally placed in service at a qualified facility before February 9, 2018, (2) disposed of by you in secure geological storage, and (3) not used by you as a tertiary injectant in a qualified enhanced oil recovery (EOR) or natural gas recovery project or utilized by you in a manner described in section 45Q(f)(5).

Section 45Q(a)(2) allows a credit of \$10 per metric ton of qualified carbon oxide (1) captured by you using carbon capture equipment that is originally placed in service at a qualified facility before February 9, 2018, and (2) either (a) used by you as a tertiary injectant in a qualified EOR or natural gas recovery project and disposed of by you in secure geological storage, or (b) utilized by you in a manner described in section 45Q(f)(5).

Section 45Q(a)(3) allows a credit of the applicable dollar amount (as determined under section 45Q(b)(1)) per metric ton of qualified carbon oxide (1) captured by you using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, (2) disposed of by you in secure geological storage, and (3) neither used as a tertiary injectant in a qualified EOR or natural gas recovery project nor utilized in a manner described in section 45Q(f)(5).

Section 45Q(a)(4) allows a credit of the applicable dollar amount (as determined under section 45Q(b)(1)) per metric ton of qualified carbon oxide (1) captured by you using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, and (2) either (a) used by you as a tertiary injectant in a qualified EOR or natural gas recovery project and disposed of by you in secure geological storage, or (b) utilized in a manner described in section 45Q(f)(5).

For purposes of determining the credit, you may elect under section 45Q(b)(3) to have the dollar amounts applicable under section 45Q(a)(1) or (2) apply in lieu of the dollar amounts applicable under section 45Q(a)(3) or (4) for each metric ton of qualified carbon oxide that is captured by you using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018.

For the purpose of calculating the credit, a metric ton of carbon oxide includes only the contained weight of the carbon oxide. The weight of any other substances, such as water or impurities, isn't included in the calculation.

2021 credit rates and applicable dollar amounts. The credit rates for lines 1b, 2b, and 3b are increased by the adjustment for inflation. The rates are as follows.

- Line 1b: \$24.10 per metric ton.
- Line 2b: \$12.05 per metric ton.
- Line 3b: \$12.05 per metric ton.

For any tax year beginning in a calendar year after 2016 and before 2027, the section 45Q(b)(1) applicable dollar amounts for lines 4b, 5b, and 6b are established by linear interpolation between \$22.66 and \$50, and \$12.83 and \$35, respectively. The applicable dollar amounts are as follows.

- Line 4b: \$34.81 per metric ton.
- Line 5b: \$22.68 per metric ton.
- Line 6b: \$22.68 per metric ton.

See Notice 2021-35, 2021-46 I.R.B. 723, available at *IRS.gov/irb/2021-46 IRB#NOT-2021-35* and Notice 2018-93, 2018-51 I.R.B. 1041, available at *IRS.gov/irb/2018-51 IRB#NOT-2018-93*.

Amount captured by additional carbon capture equipment on existing qualified facility. For a qualified facility placed in service before February 9, 2018, for which additional carbon capture equipment is placed in service on or after February 9, 2018, the amount of qualified carbon oxide that is captured by you is the following.

- For purposes of lines 1, 2, and 3, equal to the lesser of (a) the total amount of qualified carbon oxide captured at such facility for the tax year, or (b) the total amount of the carbon dioxide capture capacity of the carbon capture equipment in service at such facility on the day before February 9, 2018.
- For purposes of lines 4, 5, and 6, an amount (not less than zero) equal to the excess of (a) the total amount of qualified carbon oxide captured at such facility for the tax year, over (b) the total amount of the carbon dioxide capture capacity of the carbon capture equipment in service at such facility on the day before February 9, 2018.

Definitions

Qualified carbon oxide. This is (a) any carbon dioxide captured from an industrial source by carbon capture equipment originally placed in service before February 9, 2018, which would otherwise be released into the atmosphere as industrial emission of greenhouse gas or lead to such release, and is measured at the source of capture and verified at the point of disposal, injection, or utilization; (b) any carbon dioxide or other carbon oxide that is captured from an industrial source by carbon capture equipment originally placed in service on or after February 9, 2018, which would otherwise be released into the atmosphere as industrial emission of greenhouse gas or lead to such release, and is measured at the source of capture and verified at the point of disposal, injection, or utilization; or (c) in the case of a direct air capture facility. any carbon dioxide that is captured directly from the ambient air, and is measured at the source of capture and verified at the point of disposal, injection, or utilization.

Qualified carbon oxide includes the initial deposit of captured carbon oxide used as a tertiary injectant. It doesn't include carbon oxide that's recaptured, recycled, and re-injected as part of the EOR and natural gas recovery process.

Carbon capture equipment. This includes all components of property that are used to capture or

process carbon oxide until the carbon oxide is transported for disposal, injection, or utilization. Carbon capture equipment is equipment used for the purpose of (1) separating, purifying, drying, and/or capturing carbon oxide that would otherwise be released into the atmosphere from an industrial facility; (2) removing carbon oxide from the atmosphere via direct air capture; or (3) compressing or otherwise increasing the pressure of carbon oxide.

All components that make up an independently functioning process train capable of capturing, processing, and preparing carbon oxide for transport will be treated as a single unit of carbon capture equipment (single process train). See Rev. Rul. 2021-13, 2021-30 I.R.B. 152, available at IRB#REV-RUL-2021-13.

Industrial facility. An industrial facility is a facility that produces a carbon oxide stream from a fuel combustion source or fuel cell, a manufacturing process, or a fugitive carbon oxide emission source that, absent capture and disposal, would otherwise be released into the atmosphere as industrial emission of greenhouse gas or lead to such release. An industrial facility doesn't include a facility that produces carbon dioxide from carbon dioxide production wells at natural carbon dioxide-bearing formations or a naturally occurring subsurface spring. Depending on your election to use the NPRM or the TD, see section 3.02(b) of Notice 2009-83 or proposed Regulations section 1.45Q-2(d)(1) or Regulations section 1.45Q-2(d)(1) and (d)(2). An **Industrial Source** is an emission of carbon oxide from an industrial facility. A **Manufacturing Process** is a process involving the manufacture of products, other than carbon oxide, that are intended to be sold at a profit, or are used for a commercial purpose. All facts and circumstances with respect to the process and products are to be taken into

Electricity generating facility. An electricity generating facility is a facility described in section 45Q(d)(2)(A) or (B) and is subject to depreciation under MACRS asset class 49.11 (Electric Utility Hydraulic Production Plant), 49.12 (Electric Utility Nuclear Production Plant), 49.13 (Electric Utility Steam Production Plant), or 49.15 (Electric Utility Combustion Turbine Production Plant).

Direct air capture facility. A direct air capture facility means any facility that uses carbon capture equipment to capture carbon oxide directly from the ambient air. It doesn't include any facility that captures carbon dioxide (1) that is deliberately released from naturally occurring subsurface springs, or (2) using natural photosynthesis.

Qualified facility. Any industrial facility or direct air capture facility (a) the construction of which begins before January 1, 2026, and the construction of carbon capture equipment begins before that date, or the original planning and design for the facility includes installation of carbon capture equipment; and (b) which captures:

- 1. In the case of a facility that emits not more than 500,000 metric tons of carbon oxide into the atmosphere during the tax year, not less than 25,000 metric tons of qualified carbon oxide during the tax year that is utilized as described under section 45Q(f)(5); or
- 2. In the case of an electricity generating facility that isn't described in (1), not less than 500,000 metric tons of qualified carbon oxide during the tax year; or

3. In the case of a direct air capture facility or any facility not described in (1) or (2), not less than 100,000 metric tons of qualified carbon oxide during the tax year.

Qualified EOR or natural gas recovery project. A qualified EOR or natural gas recovery project means any project located in the United States involving the application of one or more tertiary recovery methods defined in section 193(b)(3) that can reasonably be expected to result in more than an insignificant increase in the amount of crude oil or natural gas that will ultimately be recovered and with respect to which the first injection of liquids, gases, or other matter begins after 1990.

Natural gas. Natural gas means any product (other than crude oil) of an oil or gas well if a deduction for depletion is allowable under section 611 with respect to such product.

Tertiary injectant. An injectant (other than a hydrocarbon injectant that is recoverable) that is used as part of a tertiary recovery method. For more details, see section 193(b).

Secure geological storage. Secure geological storage includes, but isn't limited to, storage at deep saline formations, oil and gas reservoirs, and unminable coal seams.

If you are claiming a credit for a facility placed in service before February 9, 2018, the following applies.

- Secure geological storage requires approval by the U.S. Environmental Protection Agency (EPA) of a Monitoring, Reporting, and Verification Plan (MRV Plan) submitted by the operator of the storage facility or tertiary injection project.
- The annual amount of carbon oxide claimed for the credit must be consistent with amounts reported to the EPA under its Greenhouse Gas Reporting Program, subpart RR.

See sections 6 through 8 of Notice 2009-83, 2009-44 I.R.B. 588, available at IRS.gov/irb/2009-44 IRB#NOT-2009-83 for reporting and recordkeeping requirements associated with the limitation on credits available under former section 45Q(a) (as in effect before February 9, 2018) and sections 45Q(a)(1) and (2). Sections 1 through 5 of Notice 2009-83 were obsoleted by REG-112339-19, 85 F.R. 34050-34075. After the end of the calendar year in which the Secretary, in consultation with the Administrator of the EPA, certifies that a total of 75,000,000 metric tons of qualified carbon oxide have been taken into account under former section 45Q(a) (as in effect before February 9, 2018) and sections 45Q(a)(1) and (2), the remaining sections of Notice 2009-83 will be obsoleted.

If you are claiming a credit for a facility that was placed in service in tax years beginning on or after February 9, 2018, qualified carbon oxide is considered disposed of by you in secure geological storage such that the qualified carbon oxide doesn't escape into the atmosphere if the qualified carbon oxide is:

- Stored, and not used as a tertiary injectant in a qualified EOR or natural gas recovery project, in compliance with applicable requirements under 40 CFR Part 98 subpart RR;
- Used as a tertiary injectant in a qualified EOR or natural gas recovery project and stored in compliance with applicable requirements under 40 CFR Part 98 subpart RR, or the International Organization for Standardization (ISO) Standards endorsed by the American National Standards Institute (ANSI) under CSA/ANSI ISO

27916:19, Carbon dioxide capture, transportation and geological storage—Carbon dioxide storage using enhanced oil recovery (CO2-EOR); and

 Injected into a well that complies with applicable Underground Injection Control regulations onshore or offshore under submerged lands within the territorial jurisdiction of the United States.

Utilization of qualified carbon oxide. Utilization of qualified carbon oxide means (1) the fixation of such qualified carbon oxide through photosynthesis or chemosynthesis, such as through the growing of algae or bacteria; (2) the chemical conversion of such qualified carbon oxide to a material or chemical compound in which such qualified carbon oxide is securely stored; or (3) the use of such qualified carbon oxide for any other purpose for which a commercial market exists (with the exception of use as a tertiary injectant in a qualified EOR or natural gas recovery project), as determined by the Secretary of the Treasury or his delegate.

United States and U.S. possessions. This includes the seabed and subsoil of those submarine areas that are adjacent to the territorial waters of the United States (or a U.S. possession) and over which the United States has exclusive rights, in accordance with international law, with respect to the exploration and exploitation of natural resources.

Who Can Claim the Credit

The credit is attributable to you in the case of qualified carbon oxide captured using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018, if you're the person that owns the carbon capture equipment and physically or contractually ensures the disposal, utilization, or use as a tertiary injectant of this qualified carbon oxide.

Elections

Section 45Q(b)(3) Election

You can elect to have the credit rates applicable to lines 1b, 2b, and 3b apply instead of the applicable dollar amounts applicable to lines 4b, 5b, and 6b for each metric ton of qualified carbon oxide that is captured by you using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018.

Section 45Q(f)(6) Election

For purposes of section 45Q, for any tax year in which such facility is an applicable facility (a facility placed in service before February 9, 2018, and for which no taxpayer claimed a section 45Q credit for any tax year ending before February 9, 2018) that captures not less than 500,000 metric tons of qualified carbon oxide during the tax year, you can elect to have the facility, and any carbon capture equipment placed in service at the facility. treated as placed in service on February 9, 2018.

You make a section 45Q(f)(6) election by filing a statement of election with your income tax return for each tax year in which the credit arises. In addition to any information required on Form 8933, your statement of election must show your name, address, taxpayer identification number, location, and the identification number(s) assigned to the facility by the EPA's electronic Greenhouse Gas Reporting Tool (e-GGRT ID number(s)) (if available).

Note. EPA e-GGRT ID number(s) are identification number(s) assigned to the facility by the EPA's electronic Greenhouse Gas Reporting Tool.

Section 45Q(f)(3)(B) Election

In the case of qualified carbon oxide captured using carbon capture equipment that is originally placed in service at a qualified facility before February 9, 2018, if you're the person that captures and physically or contractually ensures the disposal, injection, or utilization of the qualified carbon oxide, the credit is attributable to you. You may claim the credit, or you may elect to allow the credit to the person that disposes of, injects, or utilizes the qualified carbon oxide. If you make this election, the amount you elect to allow won't be allowed to you. You can also elect to allow only part of the credit to the person that disposes of, injects, or utilizes the qualified carbon oxide in a tax year, and to claim the remainder yourself.

In the case of qualified carbon oxide captured using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018, if you're the person that owns the carbon capture equipment and physically or contractually ensures the capture and disposal, utilization, or use as a tertiary injectant of such carbon oxide, you may check the box to elect to allow the credit to another person that disposes of, injects, or utilizes the qualified carbon oxide. If you make this election, the amount you elect to allow won't be allowed to you. You can also elect to allow only part of the credit to the person that disposes of, injects, or utilizes the qualified carbon oxide in a tax year, and to the claim the remainder yourself.

A new section 45Q(f)(3)(B) election must be made annually. You make a section 45Q(f)(3)(B) election by filing a statement of election (see *Model Certificate* **ELECT**, later, and the information below) with the Form 8933 no later than the time prescribed by law (including extensions) for filing your federal income tax return or Form 1065 for the year in which the credit arises. You must make a separate election for each qualified facility.



The election may not be filed with an amended federal income tax return, an amended Form 1065, ог an Administrative Adjustment Request (AAR),

as applicable, after the prescribed date (including extensions) for filing the original federal income tax return or Form 1065 for the year, with the exception of amended federal income tax returns, amended Forms 1065, or AARs, as applicable, for any tax year ending after February 9, 2018, and beginning on or before January 13, 2021. The amended federal income tax return or the amended Form 1065 must be filed, in no event, later than the applicable period of limitations on assessment for the tax year for which the amended federal income tax return or Form 1065 is being filed.

Information required to be provided by electing tax-

- Election statement of the electing taxpayer on Form 8933 must indicate that an election is being made under section 45Q(f)(3)(B);
- The electing taxpayer must provide each credit claimant with a copy of the electing taxpayer's Form 8933;
- The electing taxpayer must, in addition to any information required on Form 8933, set forth the following information.

- 1. The electing taxpayer's name, address, taxpayer identification number, location, and e-GGRT ID number(s) (if available) of each qualified facility where carbon oxide was captured;
- 2. The full amount of credit attributable to the taxpayer prior to the election;
- The name, address, and taxpayer identification number of each credit claimant, and the location and EPA e-GGRT ID number(s) (if available) of each secure geological storage facility where the qualified carbon oxide is disposed of or injected;
- 4. The dollar amount of credits the taxpayer is allowing each credit claimant to claim and the corresponding metric tons of qualified carbon oxide; and
- 5. The dollar amount of credits retained by the electing taxpayer and the corresponding metric tons of qualified carbon oxide.

Information required to be provided by credit claimant. Credit claimant must include the following information on Form 8933 with its timely filed federal income tax return or Form 1065 (including extensions).

- The name, address, and taxpayer identification number of the credit claimant;
- The name, address, and taxpayer identification number of each taxpayer making an election under section 45Q(f) (3)(B) to allow the credit to the credit claimant;
- The location and EPA e-GGRT ID number(s) (if available) of each qualified facility where carbon oxide was captured;
- The location and EPA e-GGRT ID number(s) (if available) of each secure geological storage facility where the qualified carbon oxide is disposed of or injected;
- The full dollar amount of credits attributable to each electing taxpayer prior to the election and the corresponding metric tons of carbon oxide;
- The dollar amount of credits that each electing taxpayer is allowing the credit claimant to claim and the corresponding metric tons of carbon oxide; and
- A copy of the electing taxpayer's Form 8933.

Application of Section 45Q for Certain Carbon Capture Equipment

In the case of any carbon capture equipment placed in service before February 9, 2018, the credit will apply to qualified carbon oxide captured using such equipment before the end of the calendar year in which the Secretary, in consultation with the Administrator of the EPA, certifies that, during the period beginning after October 3, 2008, a total of 75,000,000 metric tons of qualified carbon oxide have been taken into account in accordance with section 45Q(a), as in effect on the day before February 9, 2018, and section 45Q(a)(1) and (2).

When Construction Begins

Two methods can be used to establish that construction of a qualified facility or carbon capture equipment has begun.

- 1. **Physical Work Test** is satisfied when physical work of a significant nature begins and other requirements provided in section 5 of Notice 2020-12, 2020-11 I.R.B. 495, available at <a href="https://linear.org/length/section-nature
- 2. **Five Percent Safe Harbor** is satisfied when you pay or incur (within the meaning of Regulations section 1.461-1(a)(1) and (2)) five percent or more of the total cost of a qualified facility or carbon capture equipment and

meets other requirements provided in section 6 of Notice 2020-12.

Although both methods can be used, only one method is needed to establish that construction of a qualified facility or carbon capture equipment has begun. If you began construction on a qualified facility or carbon capture equipment by satisfying either the Physical Work Test or the Five Percent Safe Harbor Test, or both, before the effective date of Notice 2020-12 (March 9, 2020), you may use March 9, 2020, as the date that construction began on such qualified facility or carbon capture equipment. Additionally, if you began construction on a qualified facility or carbon capture equipment before March 9, 2020, under both the Physical Work Test and the Five Percent Safe Harbor, you may choose either method (but not both) for the purpose of applying the beginning of construction rules. If you began construction on a qualified facility or carbon capture equipment on or after March 9, 2020, construction will be deemed to have begun on the date you first satisfy either the Physical Work Test or the Five Percent Safe Harbor. If you fail to satisfy the Five Percent Safe Harbor in one year due to cost overruns (as defined in section 6.03 of Notice 2020-12), you won't be prevented from using the Physical Work Test in a later year to establish beginning of construction, provided that occurs before January 1, 2026.

Recapture

A recapture event occurs when qualified carbon oxide for which a section 45Q credit has been claimed ceases to be captured, disposed of, or used as a tertiary injectant during the recapture period. Recapture events are determined separately for each project involving capture, disposal, or use of qualified carbon oxide as a tertiary injectant.

Qualified carbon oxide ceases to be captured, disposed of, or used as a tertiary injectant if the leaked amount of qualified carbon oxide in the tax year exceeds the amount of qualified carbon oxide disposed of in secure geological storage or used as a tertiary injectant in that same tax year.

If a recapture event occurs during a project's recapture period and you have claimed a credit for that project, you must report the following information on a Form 8933 filed with your federal income tax return or Form 1065 for the tax year for which the recapture event occurred.

- The recapture amount (as defined in Regulations section 1.45Q-5(e));
- The quantity of leaked qualified carbon oxide (in metric tons) (as defined in Regulations section 1.45Q-5(c));
- The statutory credit rate at which the credits were originally calculated; and
- A statement that describes how you became aware of the recapture event, how the leaked amount was determined, and the identity and involvement of any regulatory agencies.

Coordination With Section 142 Bond Financing

The credit for any project for any tax year is reduced by the amount which is the product of the credit for such tax year and the lesser of 1/2, or a fraction, the numerator of which is the sum, for the tax year and all prior tax years, of the proceeds from an issue described in section 142(a) (17) used to provide financing for the project the interest on which is exempt from tax under section 103, and the denominator of which is the aggregate amount of

additions to the capital account for the project for the tax year and all prior tax years. The amounts under the preceding sentence for any tax year are determined as of the close of the tax year.

Note. For purposes of the above, there are no prior tax years before January 1, 2022.

Reporting Requirements

General Requirements

If you are claiming the section 45Q credit, you must provide the name and location of the qualified facilities at which the qualified carbon oxide was captured.



If you are claiming the section 45Q credit on an amended federal income tax return, an amended CAUTION Form 1065, or an AAR, as applicable, you must

state "AMENDED RETURN FOR SECTION 45Q CREDIT" at the top of the amended federal income tax return, the amended Form 1065, or the AAR, as applicable. The amended federal income tax return or the amended Form 1065 must be filed, in no event, later than the applicable period of limitations on assessment for the tax year for which the amended federal income tax return or Form 1065 is being filed.

Contractually Ensuring Disposal, Injection, or **Utilization of Qualified Carbon Oxide**

If you enter into a contract with another party to ensure disposal, injection, or utilization of qualified carbon oxide, you must report the existence of each contract, and the parties involved annually on Form 8933 by each party to the contract, regardless of the party claiming the credit. In addition to any information stated as required on Form 8933, the report must include the following information.

- Your name and identifying number;
- The name and taxpayer identification number of each party with whom you have entered into a contract to ensure the disposal, injection, or utilization of qualified carbon oxide;
- The date on which each contract was executed;
- The number of metric tons of qualified carbon oxide each contracting party disposes of, injects, or utilizes on behalf of you each tax year for reporting to the IRS; and
- For contracts for the disposal of qualified carbon oxide in secure geological storage or the use of qualified carbon oxide as a tertiary injectant in EOR or natural gas recovery, identifying information (the name of the operator, the field, unit, and reservoir), location by county and state, and EPA e-GGRT ID number(s) (if available) for submission of the facility's 40 CFR Part 98 (subpart RR) annual reports. For this reporting, use a statement substantially similar to *Model Certificate RECAPTURE*.

Secure Geological Storage

Certifications must be made annually.

Reporting Based on 40 CFR Part 98 (Subpart RR)

For an EOR or natural gas recovery project in which you reported volumes to the EPA pursuant to 40 CFR Part 98 subpart RR, you may self-certify the volume of carbon oxide claimed for purposes of the credit.

Reporting Based on CSA/ANSI ISO 27916:19

For an EOR or natural gas recovery project in which you determined volumes pursuant to CSA/ANSI ISO

27916:19, you may prepare documentation as outlined in CSA/ANSI ISO 27916:19 internally, but such documentation must be provided to a qualified independent engineer or geologist, who then must certify that the documentation provided, including the mass balance calculations as well as information regarding monitoring and containment assurance, is accurate and complete. For any leaked amount of qualified carbon oxide that is determined pursuant to CSA/ANSI ISO 27916:19, the certification must also include a statement that the quantity was determined in accordance with sound engineering principles.

If you capture qualified carbon oxide giving rise to the credit, you must file Form 8933 with a timely filed federal income tax return or Form 1065, including extensions, or for the purpose of this rule, amendments to federal income tax returns, Forms 1065, or on AARs, as applicable. Similarly, if you dispose of, inject, or utilize qualified carbon oxide, you must also file Form 8933 with a timely filed federal income tax return or Form 1065, including extensions, or for the purpose of this rule, amendments to federal income tax returns, Forms 1065, or on AARs, as applicable. If the volume of carbon oxide certified and reported is a negative amount, see Regulations section 1.45Q-5 for rules regarding recapture.



No credit is allowed for any tax year for which you (including credit claimants) have failed to timely CAUTION submit complete documentation, including the

required certifications. The credit will be allowed only for a tax year for which complete documentation and certification has been timely submitted. Certifications for each tax year must be submitted by the due date of the federal income tax return or Form 1065 on which the credit is claimed, including extensions. If a credit is claimed on an amended federal income tax return, an amended Form 1065, or an AAR, as applicable, certifications may also be submitted with such amended federal income tax return, amended Form 1065, or AAR. If a credit was claimed on a timely filed federal income tax return or Form 1065 for a tax year ending after February 9, 2018, and beginning on or before January 13, 2021, for which certifications weren't submitted, such certifications may be submitted with an amended federal income tax return, an amended Form 1065, or an AAR, as applicable, for the tax year in which the credit was claimed.

Qualified EOR or Natural Gas Recovery Project

Each qualified EOR or natural gas recovery project must be certified under Regulations section 1.43-3.

For purposes of a natural gas project, a petroleum engineer's certification as required under Regulations section 1.43-3(a)(3) and an operator's continued certification of a project as required under Regulations section 1.43-3(b)(3) must include an additional statement that the certification is for purposes of the credit.

Petroleum Engineer's Certification

The petroleum engineer's certification must be attached to a Form 8933 and filed no later than the last date prescribed by law (including extensions) for filing the operator's or designated owner's federal income tax return or Form 1065 for the first tax year in which qualified carbon oxide is injected into the reservoir.

If a credit is claimed on an amended federal income tax return, an amended Form 1065, or an AUTION AAR, as applicable, the petroleum engineer's

certification will be treated as filed timely if it is attached to a Form 8933 that is submitted with such amended federal income tax return, amended Form 1065, or AAR. With respect to a credit that is claimed on a timely filed federal income tax return or Form 1065 for a tax year ending after February 9, 2018, and beginning on or before January 13, 2021, for which the petroleum engineer's certification wasn't submitted, the petroleum engineer's certification will be treated as filed timely if it is attached to an amended Form 8933 for any tax year ending after February 9, 2018, but not for tax years beginning on or before January 13, 2021.

Operator's Continued Certification

The operator's continued certification of a project must be attached to a Form 8933 and filed no later than the last date prescribed by law (including extensions) for filing the operator's or designated owner's federal income tax return or Form 1065 for tax years after the tax year for which the petroleum engineer's certification is filed but not after the tax year in which injection activity ceases and all injection wells are plugged and abandoned.

Utilization

The amount of qualified carbon oxide utilized by you is equal to the metric tons of qualified carbon oxide that you demonstrate, based upon an analysis of lifecycle greenhouse gas emissions (LCA), that were captured and permanently isolated from the atmosphere (isolated), or displaced from being emitted into the atmosphere (displaced).

Lifecycle greenhouse gas emissions and lifecycle analysis. The term "lifecycle greenhouse gas emissions" means the aggregate quantity of greenhouse gas emissions (including direct emissions and significant indirect emissions such as significant emissions from land use changes) related to the full product lifecycle, including all stages of product and feedstock production and distribution, from feedstock generation or extraction through the distribution and delivery and use of the finished product to the ultimate consumer, where the mass values for all greenhouse gases are adjusted to account for their relative global warming potential according to Table A-1 of 40 CFR Part 98 subpart A. The amount of lifecycle greenhouse gas emissions measured by a lifecycle greenhouse gas analysis (LCA) is expressed in carbon dioxide equivalents (CO2-e).

Measurement. The measurement and written LCA report must be performed by or verified by an independent third party. The LCA report must be prepared in conformance with, and contain documentation that conforms to, the International Organization for Standardization (ISO) 14040:2006, Environmental Management—Life Cycle Assessment—Principles and Framework and ISO 14044:2006, Environmental Management—Life Cycle Assessment—Requirements and Guidelines, as well as a statement documenting the qualifications of the independent third party, including proof of appropriate U.S. or foreign professional license, and an affidavit from the third party stating that it's independent from you.

Approval of the LCA. You must submit the written LCA report and independent third-party statement to the IRS and the Department of Energy (DOE). The LCA will be

subject to a technical review by the DOE, and the IRS will determine whether to approve the LCA.

You should fax a copy of your LCA report, including the independent third-party statement specified in Regulations section 1.45Q-4(c)(4), to the IRS at 844-255-4817. The submission should include a cover letter with:

- 1. Name of the utilization facility;
- 2. Name of the operator of the utilization facility, including operator's TIN/EIN;
- 3. Name of the taxpayer(s) claiming the credit based on the LCA, including each taxpayer's TIN/EIN;
 - 4. Tax year in which the credit is claimed; and
- 5. Name, email address, and phone number of a person to whom the IRS can contact regarding this LCA application.

You should also mail (1) the items above, and (2) the model, if the LCA wasn't verified by an independent third-party review, on a USB thumb drive, to:

Internal Revenue Service Office of Associate Chief Counsel (PSI) 1111 Constitution Ave. NW Branch 6 (CC:PSI:6), Room 5114 Washington, DC 20224

You should also send the DOE an email at LCA45Q@hq.doe.gov, and the DOE will respond with instructions for submission of the LCA application.

Specific Instructions

To claim the credit for disposal of carbon oxide in secure geological storage or for use of carbon oxide as a tertiary injectant in an EOR or natural gas recovery project, prior to disposal in secure geological sequestration, the amount of carbon oxide must be measured at the source of capture and verified either at the point of disposal in secure geological storage or at the point of injection as a tertiary injectant in an EOR or natural gas recovery project. The amount of qualified carbon oxide is presumed to be the lesser of the amount measured at capture and the amount verified at disposal or injection unless it can be established to the satisfaction of the IRS that the greater amount is the correct amount.

To claim the credit for utilization of carbon oxide, the amount of qualified carbon oxide utilized by you is equal to the metric tons of qualified carbon oxide that you demonstrate, based upon an analysis of lifecycle greenhouse gas emissions (LCA), were (1) captured and permanently isolated from the atmosphere, or (2) displaced from being emitted into the atmosphere. The amount of qualified carbon oxide utilized by you for purposes of the section 45Q credit can't exceed the amount of qualified carbon oxide measured at the source of capture.

Line 1a

Enter the number of metric tons of qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility before February 9, 2018 (or, on or after February 9, 2018, for facilities for which an election was made under section 45Q(b)(3); see Line 7. Section 45Q(b)(3) Election, later), disposed of in secure geological storage, and not used as a tertiary injectant in a qualified enhanced oil or natural gas

recovery project, or utilized in a way described in section 45Q(f)(5).

Line 2a

Enter the number of metric tons of qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility before February 9, 2018 (or, on or after February 9, 2018, for facilities for which an election was made under section 45Q(b)(3); see Line 7. Section 45Q(b)(3) Election, later), disposed of in secure geological storage, and used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project.

Line 3a

Enter the number of metric tons of qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility before February 9, 2018 (or, on or after February 9, 2018, for facilities for which an election was made under section 45Q(b)(3); see <u>Line 7. Section 45Q(b)(3) Election</u>, later), and utilized as described in section 45Q(f)(5).

Line 4a

Enter the number of metric tons of qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, disposed of in secure geological storage, and not used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project, nor utilized as described in section 45Q(f)(5).

Line 5a

Enter the number of metric tons of qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, disposed of in secure geological storage, and used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project.

Line 6a

Enter the number of metric tons of qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, and utilized as described in section 45Q(f)(5).

Line 7. Section 45Q(b)(3) Election

You may check the box to elect having the dollar amounts applicable under section 45Q(a)(1) or (2) apply in lieu of the dollar amounts applicable under section 45Q(a)(3) or (4) for each metric ton of qualified carbon oxide that is captured by you using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018. See the instructions for lines 1a, 2a, or 3a, earlier.

Line 8. Section 45Q(f)(6) Election

You may check the box to elect for applicable facilities under section 45Q(f)(6)(A). Section 45Q(f)(6)(A) provides that for any tax year in which an applicable facility captures not less than 500,000 metric tons of qualified carbon oxide, the person described in section 45Q(f)(3)(A)(ii) may elect to have such applicable facility, and any carbon capture equipment placed in service at such

applicable facility, deemed as having been placed in service on February 9, 2018. The term "applicable facility" means a qualified facility (i) that was placed in service before February 9, 2018, and (ii) for which no taxpayer claimed a section 45Q credit in regards to such facility for any tax year ending before February 9, 2018.

Line 9. Section 45Q(f)(3)(B) Election

In the case of qualified carbon oxide captured using carbon capture equipment that was originally placed in service at a qualified facility before February 9, 2018, if you're the person that captures and physically or contractually ensures the disposal, injection, or utilization of the qualified carbon oxide, you may check the box to elect to allow the credit to another person that disposes of, injects, or utilizes the qualified carbon oxide. If you make this election, the amount you elect to allow won't be allowed to you. You can also elect to allow only part of the credit to the person that disposes of, injects, or utilizes the qualified carbon oxide in a tax year, and to claim the remainder yourself.

In the case of qualified carbon oxide captured using carbon capture equipment that is originally placed in service at a qualified facility on or after February 9, 2018, if you're the person that owns the carbon capture equipment and physically or contractually ensures the capture and disposal, utilization, or use as a tertiary injectant of such carbon oxide, you may check the box to elect to allow the credit to another person that disposes of, injects, or utilizes the qualified carbon oxide. If you make this election, the amount you elect to allow won't be allowed to you. You can also elect to allow only part of the credit to the person that disposes of, injects, or utilizes the qualified carbon oxide in a tax year, and to the claim the remainder yourself.

Line 10

Enter the total qualified carbon oxide sequestration credits from:

- Schedule K-1 (Form 1065), Partner's Share of Income, Deductions, Credits, etc., box 15 (code P); and
- Schedule K-1 (Form 1120-S), Shareholder's Share of Income, Deductions, Credits, etc., box 13 (code P).

Partnerships and S corporations report the above credits on line 10 and their Schedule K. All others not using earlier lines to figure a separate credit can report the above credits directly on Form 3800, Part III, line 1x.

Model Certificates

Per the TD and the NPRM that preceded it, if you're a large section 45Q project filer, you'll likely have to use multiple legal contracts with multiple parties for the capture, utilization, or disposal of carbon oxides and, generally to claim the credit, the existence of each contract and the parties involved must be reported on Form 8933 annually. For this reporting, filers should use attachments substantially similar to model certificates shown below.

Model Certificate CF. Use Model Certificate CF if you're the owner of a capture facility (may not be the same entity as the owner of the industrial facility) that emits carbon oxide. Model Certificate CF will help show your share of the carbon oxide sequestration credit.

Model Certificate DISP-Operator. Use Model Certificate DISP-Operator if you're the operator (or designated operator) of a geologic disposal site at which captured qualified carbon oxide was injected during the

calendar year. Don't use this model certificate if carbon oxide was injected for enhanced oil or natural gas recovery. Provide a copy of your signed Model Certificate DISP-Operator to each owner of the disposal site project.

Model Certificate DISP-Owner. Use Model Certificate DISP-Owner if you're the owner (or one of the owners) of the geologic disposal site at which captured carbon oxide was injected during the calendar year. The operator of the disposal site prepares Table 3 of Model Certificate DISP-Operator. Report the amounts from that Table 3 on lines 11, 12, and 14 through 16.

Model Certificate EOR-Operator. Use Model Certificate EOR-Operator if you're the operator (or designated operator) of an enhanced oil or gas recovery project (EOR project) at which captured qualified carbon oxide was injected during the calendar year. Provide a copy of your signed Model Certificate EOR-Operator to each owner of the EOR project.

Model Certificate EOR-Owner. Use Model Certificate EOR-Owner if you're the owner (or one of the owners) of the EOR project at which captured carbon oxide was injected during the calendar year. The operator of the EOR project prepares Table 3 of Model Certificate

EOR-Operator. Report the amounts from that Table 3 on lines 11, 12, and 14 through 16.

Model Certificate UTZ. Use Model Certificate UTZ if you're the owner of the utilization facility who utilized qualified carbon oxide during the calendar year. Don't combine information from separate utilization facilities on the same Model Certificate UTZ. Provide a copy of your signed Model Certificate UTZ to each supplier that supplied qualified captured carbon oxide to inform the suppliers of the amount of their qualified carbon oxide that was utilized.

Model Certificate ELECT. Use Model Certificate ELECT if (1) you're the owner of the capture facility that supplied qualified carbon oxide to another person that was properly disposed of in geological storage, used in an EOR project, or utilized in a manner consistent with section 45Q(f), and (2) you elect under section 45Q(f)(3)(B) to allow the section 45Q credit to that person. You must make a separate election for each qualified facility.

Model Certificate RECAPTURE. Use Model Certificate RECAPTURE if you're the operator or owner of the geologic disposal site or EOR project to report a recapture event.

Model Certificate CF

	Capture Facility Certification	20	21
Name	(s) shown on return:		
Part I.	Information About Industrial Facility, Carbon Capture Equipment, Carbon Oxide Sequestration Credit, and Elections		
		Yes	No
Indus	trial facility information:	100	
1	Name of facility		
2	Location (county and state)	-	
3	Facility's EPA e-GGRT ID number(s)*		
4	Is the facility an electricity-generating facility?		
5	Is the facility a direct air capture facility? If "Yes," skip to line 12		
6	If the facility isn't an electricity-generating or direct air capture facility, state the nature of		
•	the facility (for example, ethanol production, cement manufacturing, etc.)		
7	What is the placed-in-service date of the facility (MM/DD/YYYY)?		
8	Does the facility described above process carbon dioxide or any other gas from underground deposits?		
8a	If you answered "Yes" to line 8, was any gas obtained from a carbon dioxide production well at natural carbon dioxide-bearing formations or at a naturally occurring subsurface spring, which means a well that contains 90% or greater carbon dioxide by volume?		
8b	If you answered "Yes" to line 8a, you can't treat the facility as a qualified industrial facility to the extent that it processed gas described in line 8a during the tax year. See line 8c		
8c	If you answered "Yes" to line 8a, do you attest that you meet the exception for a deposit that contains a product, other than carbon oxide, that is commercially viable to extract and sell without taking into account the availability of a commercial market for the carbon oxide that is extracted or any carbon oxide sequestration credit that might be available?		
8d	If you answered "Yes" to line 8c, have you attached an attestment letter from a independent registered engineer? Don't treat the facility as a qualified industrial facility unless you answered "Yes" to both lines 8c and 8d. See instructions		
9	What were the emissions of carbon oxide during the calendar year (amount released to the atmosphere plus amount captured)?		
9a	Of the amount listed on line 9, what amount was carbon dioxide?		
9b	Of the amount listed on line 9, what amount was carbon monoxide?		
10	Was annualization of first-year carbon oxide emissions required for this calendar year?		
10a	If you answered "Yes" to line 10, state the annualized carbon oxide emissions and attach a statement that shows how you determined the annualized carbon oxide emissions		
11	Was aggregation of multiple facilities required to achieve the requisite carbon capture thresholds?		
11a	If you answered "Yes" to line 11, attach a statement that lists the facilities and describes the appropriateness of their aggregation.		
	on capture equipment and direct air capture facility information:		
12	Is carbon capture done by a direct air capture facility?		
13	State the location of the carbon capture equipment or direct air capture facility (county and state)		
14	Was any carbon capture equipment placed in service prior to February 9, 2018? See instructions		
15	What was the placed-in-service date (MM/DD/YYYY) of the equipment or facility described on line 13? See instructions		
16	Are you the owner of the equipment described on line 13?		
16a	If you answered "No" to line 16, state your basis for claiming the credit		
17	For carbon capture equipment placed in service after February 9, 2018, do you attest that, to the best of your knowledge, you are the only taxpayer who will claim carbon oxide sequestration credit with respect to carbon oxide captured by each single train of carbon capture equipment during the tax year (irrespective of any election you make to allow a contracting disposer, injector, or utilizer to claim credit)? Don't claim the credit unless you can answer yes. See instructions		
18	For the equipment described on line 13, what was the carbon capture capacity on or after February 8, 2018?		
* if avai	ilable		
	Model C	ertifica	te CF

						age 2	
	I. Information About Industrial Facility, Carbon Capture Equipment, Carbon Oxide inued)	Sequestration Cro	edit, and Elect	ions	Yes	No	
19a	9 Was additional carbon capture equipment installed on or after February 9, 2018? 9a For equipment described on line 19, what was the beginning of construction date (MM/DD/YYYY)? 9b For equipment described on line 19, what was the placed-in-service date (MM/DD/						
	YYYY)?	mined pursuant to th	ne 80/20 rule?				
19e	If the placed-in-service date of the carbon capture equipment was determined pursuant t	to the 80/20 rule, did	•				
	If you answered "Yes" to line 19e, state your investment in a transportation pipeline						
	What was the total amount of carbon oxide captured during the calendar year (in metric tons)?						
	Of the amount listed on line 20, what amount was carbon dioxide?						
	Of the amount listed on line 20, what amount was carbon monoxide?						
	, , , , , , , , , , , , , , , , , , , ,						
	If you answered "Yes" to line 21, state the annualized carbon oxide emissions						
	mation about carbon oxide sequestration credit and your elections:						
	During the calendar year, are other parties contractually ensuring disposal, injection, or use captured at this facility?						
	For this calendar year, do you elect to allow any of the parties described on line 22 to cla sequestration credit? If you answered "No" to line 14, do you elect to apply the \$10 and \$20 rates (adjusted for						
	amounts? If you answered "Yes" to line 24, determine the credit using lines 1, 2, or 3 in Part II.						
	If you answered "No" to line 24, determine the credit using lines 4, 5, or 6 in Part III.						
	Is the facility described in Part I an applicable facility and are you making the election und instructions	der section 45Q(f)(6))? See				
27a	If you answered "Yes" to both parts of line 27, determine the credit using lines 4, 5, or 6 in	n Part III. See instruc	tions.				
	II. Facilities at Which Qualified Carbon Oxide Qualifies for a Credit Under Section tion Was Made Under Section 45Q(b)(3)	45Q(a)(1) or (2), a	nd for Facilitie	s for Wh	nich a	n	
after	fied carbon oxide captured using carbon capture equipment originally placed in service a February 9, 2018, for facilities for which an election was made under section 45Q(b)(3)), as a tertiary injectant in a qualified enhanced oil or natural gas recovery project, nor utiliz	disposed of in secur	e geological sto	rage, an		n or	
		(a) Metric tons	(b) Rate	(c) Carb seque credit. colum	stratic Multip	on oly oy	
1a	Metric tons captured and delivered to point of disposal						
1b	Metric tons captured and securely stored by you. Attach Model Certificates DISP-Operator and DISP-Owner for each disposal site						
1c	Metric tons captured and securely stored (physically disposed) by another person. Attach Model Certificates DISP-Operator and DISP-Owner for each disposal site						
1d	Add lines 1b and 1c		\$24.10				
1e	Metric tons captured and securely stored (physically disposed) by another person and for which you allow that person to claim the resulting carbon oxide sequestration credit. Attach Model Certificate ELECT for each disposal site		\$24.10				
1f	Your carbon oxide sequestration credit. Subtract line 1e from line 1d		\$24.10				
			1	Model C	ertifica	te CF	

Page 3

Part II. Facilities at Which Qualified Carbon Oxide Qualifies for a Credit Under Section 45Q(a)(1) or (2), or for Which an Election Was Made Under Section 45Q(b)(3) (continued)

Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility before February 9, 2018, disposed of in secure geological storage, and used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project.

(a) Metric tons	(b) Rate	(c) Carbon oxide sequestration credit. Multiply column (a) by column (b).
s		
	\$12.05	
	\$12.05	
	\$12.05	
	(a) Metric tons	\$12.05 \$12.05

Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility before February 9, 2018, and utilized as described in section 45Q(f)(5).

		(a) Metric tons	(b) Rate	(c) Carbon oxide sequestration credit. Multiply column (a) by column (b).
За	Metric tons captured and delivered to point of utilization			
3b	Metric tons captured and physically utilized by you. Attach Model Certificate UTZ for each utilization facility. Expressed as carbon dioxide equivalents that were determined pursuant to an approved Life Cycle Assessment (LCA). See instructions			
3с	Metric tons captured and physically utilized by another person. Attach Model Certificate UTZ for each utilization facility. Expressed as carbon dioxide equivalents that were determined pursuant to an approved LCA. See instructions			
3d	Add lines 3b and 3c		\$12.05	
3е	Metric tons captured and physically utilized by another person and for which you elect to allow that person to claim the resulting carbon oxide sequestration credit. Expressed as carbon dioxide equivalents that were determined pursuant to an approved LCA. See instructions. Attach Model Certificate ELECT for each utilization facility		\$12.05	
3f	Your carbon oxide sequestration credit. Subtract line 3e from line 3d		\$12.05	

Page 4

Part III. Qualified Facilities Under Section 45Q(a)(3) or (4) for Which No Election Was Made Under Section 45Q(b)(3)

Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, disposed of in secure geological storage, and not used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project, nor utilized as described in section 45Q(f)(5).

		(a) Metric tons	(b) Rate	(c) Carbon oxide sequestration credit. Multiply column (a) by column (b).
4a	Metric tons captured and delivered to point of disposal			
4b	Metric tons captured and securely stored (physically disposed) by you. Attach Model Certificates DISP-Operator and DISP-Owner for each disposal site			
4c	Metric tons captured and securely stored (physically disposed) by another person. Attach Model Certificates DISP-Operator and DISP-Owner for each disposal site			
4d	Add lines 4b and 4c		\$34.81	
4e	Metric tons captured and securely stored (physically disposed) by another person and for which you allow that person to claim the resulting carbon oxide sequestration. Attach Model Certificate ELECT for each disposal site		\$34.81	
4f	Your carbon oxide sequestration credit. Subtract line 4e from line 4d		\$34.81	

Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility on or after February 9, 2018, during the 12-year period beginning on the date the equipment was originally placed in service, disposed of in secure geological storage, and used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project.

		(a) Metric tons	(b) Rate	(c) Carbon oxide sequestration credit. Multiply column (a) by column (b).
5a	Metric tons captured and delivered to point of injection			
5b	Metric tons captured and securely stored (physically disposed) by you. Attach Model Certificates EOR-Operator and EOR-Owner for each recovery project			
5c	Metric tons captured and securely stored (physically disposed) by another person. Attach Model Certificates EOR-Operator and EOR-Owner for each recovery project			
5d	Add lines 5b and 5c		\$22.68	
5e	Metric tons captured and securely stored (physically disposed) by another person and for which you allow that person to claim the resulting carbon oxide sequestration. Attach Model Certificate ELECT for each recovery project		\$22.68	
5f	Your carbon oxide sequestration credit. Subtract line 5e from line 5d		\$22.68	

Model Certificate CF

	Page 5						
Part	Part III. Qualified Facilities Under Section 45Q(a)(3) or (4) for Which No Election Was Made Under Section 45Q(b)(3) (continued)						
	tualified carbon oxide captured using carbon capture equipment originally placed in service at a qualified facility on or after February 9, 2018, uring the 12-year period beginning on the date the equipment was originally placed in service, and utilized as described in section 45Q(f)(5).						
		(a) Metric tons	(b) Rate	(c) Carbon oxide sequestration credit. Multiply column (a) by column (b).			
6a	Metric tons captured and delivered to point of utilization						
6b	Metric tons captured and physically utilized by you. Attach Model Certificate UTZ for each utilization facility. Expressed as carbon dioxide equivalents						
6c	Metric tons captured and physically utilized by another person. Attach Model Certificate UTZ for each utilization facility. Expressed as carbon dioxide equivalents						
6d	Add lines 6b and 6c		\$22.68				
6e	Metric tons captured and physically utilized by another person and for which you elect to allow that person to claim the resulting carbon oxide sequestration credit. Expressed as carbon dioxide equivalents. Attach Model Certificate ELECT for each utilization project		\$22.68				
6f	Your carbon oxide sequestration credit. Subtract line 6e from line 6d		\$22.68				
infor	er penalties of perjury, I attest that I am an officer of the company that is the owner of the mation is true and correct.	e subject capture facili	ty. I further a	ttest that the above			
Printe	ed or typed name of person signing this report						
Title							
Com	pany's name and EIN						
	Model Certificate CF						

Model Certificate DISP-Operator

		Disposa	al Operator Certificat	ion		2021		
Nam	e(s) shown on returr	1:			Identifying number	r:		
Infor 1	In Table 1 below, list information about each owner of the disposal site during the calendar year. If there are more than four owners, prepare a separate table with all the owner information and attach it to this model certificate. If one or more of the owners is a partnership or S corporation, provide information for the pass-through entity, not partners or shareholders. If one or more of the owners is part of a joint venture that has elected out of subchapter K of the Code, provide information for all such owners. Table 1 — Information About the Owner(s) of the Disposal Site							
Disposal site owner Name Address EIN C								
	1					(%)		
	2							
	3							
	4							
Infor	mation about the ge	ologic disposal site:			1	<u> </u>		
2	Name and location (c	ounty and state, or offshore trac	t)					
3	List the name and EIN	N of the operator of the site						
4 5	and the nature of the	nies that are identified as the ope purpose						
6	-	captured qualified carbon oxide						
7	the EPA pursuant to t	e that all figures of stored carbor he applicable MRV plan and sub	part RR of the EPA's G	Greenhouse Gas Reportin	g Program			
8 Infor		approved MRV plan or provide the alified carbon oxide supplied						
9	In Table 2, provide in oxide from a supplier "supplier" means the	formation about all suppliers of c who attests that the carbon oxid person who captured the qualified d the qualified carbon oxide to the	qualified carbon oxide d le was captured at one ed carbon oxide, which	luring the calendar year. " of its qualified section 45 may differ from the comp	Qualified" carbon ox Q facilities. For qualit	ied carbon oxide,		
	Table 2 — Informati	on About Suppliers of Qualifi	ed Carbon Oxide					
	Qualified carbon oxide supplier	Name	EIN	Name and location of capture facility (county, state)	EPA's e-GGRT ID*	Check if supplier supplied any nonqualified carbon oxide from any source		
	1							
	2							
	3							
10	disposal site or suppl certificate.	low using information that is con iers of qualified carbon oxide, pr	epare a separate table	with all the supplier inform	mation and attach it to	o this model		
* if av	ailable				Model Ce	rtificate DISP-Operator		

Disposal Operator Certification (continued)

Table 3 — Information About Disposal

		Qualified carbon oxide supplier number 1				oxide su	Qualified carbon oxide supplier carbon oxide from number 3		All other suppliers of nonqualified carbon oxide		Total metric tons for all carbon oxide suppliers		
	(A) Geologic disposal site owner	(B) Metric tons delivered	(C) Metric tons stored	(D) Metric tons delivered	(E) Metric tons stored	(F) Metric tons delivered	(G) Metric tons stored	(H) Metric tons delivered (add columns (B), (D), and (F))	(I) Metric tons stored (add columns (C), (E), and (G))	(J) Metric tons delivered	(K) Metric tons stored	(L) Metric tons delivered (add columns (H) and (J))	(M) Metric tons stored (add columns (I) and (K))
1													
2													
3													
4													
5	Total (add lines 1 through 4)												

Under penalties of perjury, I attest that I am an officer of the company that is the operator of the subject geologic disposal site or that I have been designated by the operating interest owners to prepare and submit this certificate to the IRS on their behalf. I further attest that the above information is true and correct.

Signature and date signed

Printed or typed name of person signing this report

Title

Company's name and EIN

Model Certificate DISP-Operator

Model Certificate DISP-Owner

	Disposal Owner Certification		2021
Nar	me(s) shown on return:	Identifying number:	
Info	ormation about you, the owner of the geologic disposal site:		
1	Name		
2	Address		
3	EIN		
	ormation about your suppliers of qualified carbon oxide. Complete a separate Model Ce opliers of qualified carbon oxide:	ertificate DISP-Owner for each	of your
4	Name		
5	EIN		
6	Name and location of qualified carbon oxide capture facility (if supplier supplied any qualified carbon oxide)		
7	Type of industrial facility at which the supplier captured its qualified carbon oxide $\dots \dots$		
8	Check here if you were one of the suppliers. Don't check unless the EIN of the supplier of the as the EIN of the entity that is an owner of the geologic disposal site. If the EINs aren't the sam contract between the entities	e, there must be a binding writte	า
9	Unless line 8 is checked, do you attest that a binding written contract between you and the sup will securely store the qualified carbon oxide in the manner required under section 45Q and the		Yes No
10	Provide the date (MM/DD/YYYY) of the contract referenced in the line above or the date of the recent amendment	most	
11	Metric tons of qualified carbon oxide received from the supplier during the calendar year (metric tons should agree with the figure reported for you for this supplier by the project's operator in N Certificate DISP-Operator, Table 3)	Model	
12	Metric tons of qualified carbon oxide received from the supplier and stored by you during the calendar year (metric tons should agree with the figure reported for you for this supplier by the disposal site's operator in Model Certificate DISP-Operator, Table 3)		
13	Metric tons of nonqualified carbon oxide received by you during the calendar year $\dots \dots$		
14	Metric tons of nonqualified carbon oxide stored by you during the calendar year (metric tons slbe from Model Certificate DISP-Operator, Table 3)		
15	Add lines 11 and 13. Total amount of qualified carbon oxide injected (amount should agree wit figure reported for you in Model Certificate DISP-Operator, Table 3)		
16	Add lines 12 and 14. Total amount of qualified carbon oxide stored (amount should agree with figure for you in Model Certificate DISP-Operator, Table 3)		
	Reserved for future use.		
18	Check here if you attest that the supplier of qualified carbon oxide elected to allow you to claim sequestration credit attributable to their qualified carbon oxide. If you checked the box, attach ELECT signed by the supplier for this calendar year	a copy of Model Certificate	
info	der penalties of perjury, I attest that I am an officer of the company that is the owner of the subjermation is true and correct and that I have provided a signed copy of this completed certificate to the tomy company for use at the subject DISP project during this calendar year.		
Sigr	nature and date signed		
Prin	ted or typed name of person signing this report		
Title			
Con	npany's name and EIN		
		Model Cer	ificate DISP-Owner

Model Certificate EOR-Operator

		Enhanced Oil F	Recovery Operator Certification		2021				
Nam	e(s) shown on retur	'n:		Identifying number:					
Infor	mation about the or	wners of the EOR project:							
1	separate table with a	all the owner information and attac							
			poration, provide information for the pass-thro						
	If one or more of the owners is part of a joint venture that has elected out of subchapter K of the Code, provide the information for all such owners.								
		tion About the Owner(s) of the							
	EOR project owner	Name	Address	EIN	Operating interest (%)				
	1								
	2								
	3								
	4								
Infor	mation about the E								
3			s of Regulations section 1.45Q-2(h), is						
4	List any other compa	anies that are identified as the ope							
5									
6			ualified carbon oxide began						
7	If the project was pre	eviously certified under section 43	B, state the name of the certified project certification						
8			43, attach a copy of a valid petroleum engine	eer's certification to this Model C	ertificate				
	EOR-Operator.	•							
_					Yes No				
9			ct?						
10	•		ecure geological storage, earlier						
11 12	•		uestration credit can't be claimed.						
	•		e that all figures of stored qualified carbon ox						
			EPA pursuant to the applicable MRV plan and						
14			roval date (MM/DD/YYYY) of the MRV its URL on the EPA's website						
15			re you relying on subpart RR of the						
			demonstrate secure storage (check	☐ Subpart RR ☐ ISC	27916				
16	If line 15 is subpart F	RR, provide the EPA approval dat	e (MM/DD/YYYY) of the MRV plan, and	□ Subpart nn □ 13C	727910				
4-			the EPA's website						
		6, attach a copy of the ISO 27916		incor or goologist					
18 Infor			on completed by a qualified independent eng to the EOR project and securely stored:	meer or geologist.					
		• • • • • • • • • • • • • • • • • • • •		ar. "Qualified" carbon oxide mea	ns carbon				
	In Table 2, provide information about all suppliers of qualified carbon oxide during the calendar year. "Qualified" carbon oxide means carbon oxide from a supplier who attests that the carbon oxide was captured at one of its qualified 45Q facilities. For qualified carbon oxide, "supplier" means the person who captured the qualified carbon oxide, who may differ from the company that sold the carbon oxide or physically delivered the carbon oxide to the owner of the EOR utilization facility.								
* if av	ailable		-						
				Model Certificate	EOR-Operator				

														Page 2
					Enhance	d Oil Re	ecovery O	perator	Certificat	ion (conti	nued)			
	Tal	ble 2 — Info	rmation A	bout Su	ppliers of	Qualifie	d Carbon	Oxide						
	1	Qualified carbon oxide Name supplier		I	ΞIN		me of re facility	fac	Location of capture facility (county, state)		k if supplier d any qualified bon oxide	Check if supplier provided any nonqualified carbon oxide		
		1												
		2												
		3												
20	der ser Ch		ecure storaç that include attest that a	ge. If ther es all rele all figures	re are more vant inform in Table 3 o	than fou ation and conform	ir owners o d attach it to to all applic	f the EC o this m	R project o	or three su cate.	ppliers of q	ualified o	umentation if it varbon oxide, pre	
	oxide supplier oxide supplier oxide		Qualified oxide sup number	pplier	Total que carbon or all sur	kide from	All oth supplie nonqua carbon	rs of lified	Total metric carbon oxid					
		(A) EOR project owner	(B) Metric tons delivered	(C) Metric tons stored	(D) Metric tons delivered	(E) Metric tons stored	(F) Metric tons delivered	(G) Metric tons stored	(H) Metric tons delivered (add columns (B), (D), and (F))	(I) Metric tons stored (add columns (C), (E), and (G))	(J) Metric tons delivered	(K) Metric tons stored	(L) Metric tons delivered (add columns (H) and (J))	(M) Metric tons stored (add columns (I) and (K))
	1													
	2													
	3													
	4													
	5	Total (add lines 1 through 4)												
	е ор												nat I have been bove informatio	
Signa	ture	and date sign	ed					•						
Printe	d or	typed name c	of person sig	ning this re	eport									
Title														
Comp	any'	's name and E	EIN											
													Model Certificate	EOR-Operator

Model Certificate EOR-Owner

	Enhanced Oil Recovery Owner Certification		2021					
Name	(s) shown on return:	Identifying number:						
Inform	nation about you, the owner of the EOR project:							
1	Name							
2	Address							
3	EIN							
	nation about all suppliers of qualified carbon oxide to you. Complete multiple model ce ier of qualified carbon oxide:	rtificates if you had more than	one					
4	Name							
5	EIN							
6	Name and location (county, state) of qualified carbon oxide capture facility							
7	Type of industrial facility at which the supplier captured its qualified carbon oxide							
8	Check here if you were one of the suppliers. Don't check unless the EIN of the supplier of the same as the EIN of the entity that is an owner of the geologic disposal site. If the EINs aren't the binding written contract between the entities	e same, there must be a						
9	Unless line 8 is checked, do you attest that a binding written contract between you and the sup you will securely store the qualified carbon oxide in the manner required under section 45Q are		Yes No					
10	Provide the date (MM/DD/YYYY) of the contract referenced in the line above or the date of the							
11	most recent amendment Metric tons of qualified carbon oxide received from the supplier during the calendar year (metric tons should agree with the figure reported for you for this supplier by the project's operator in Model Certificate EOR-Operator, Table 3)							
12	with the figure reported for you for this supplier by the disposal site's operator in Model Certificate EOR-Operator, Table 3)							
13								
14	14 Metric tons of nonqualified carbon oxide utilized as a tertiary injectant stored by you during the calendar year (metric tons should be from Model Certificate EOR-Operator, Table 3)							
15	• • •							
16								
17	Reserved for future use.							
18	Check here if you attest that the supplier of qualified carbon oxide elected to allow you claim s sequestration credit attributable to their qualified carbon oxide. If you checked the box, attach ELECT signed by both you and the supplier for this calendar year	a copy of Model Certificate						
inform	penalties of perjury, I attest that I am an officer of the company that is the owner of the subject ation is true and correct and that I have provided a signed copy of this completed certificate to to my company for use at the subject EOR project during this year.							
Signat	ure and date signed							
Printed	l or typed name and title of person signing this report							
Title								
Compa	any's name and EIN							
		Model Certific	ate EOR-Owner					

Model Certificate UTZ

Utilization Certification 2021									2021
Nar	ne(s) sh	own on	return:					Identifying number:	
Par	t 1. Infor	mation	About the Owne	er(s) or Lessee(s) of the Q	ualified Carbor	Utilization	Facility		
1	more that Note . If shareho	an four o one or n Iders.	wners or lessees nore of the owner	about each owner or lessee of , prepare a separate table wi s is a partnership or S corpor ne Owner(s) or Lessee(s) o	th all the owner o ation, provide in	or lessee inf formation fo	formation a or the pass-	nd attach it to this model cer through entity, not partners o	tificate.
		Ov	vner/Lessee	Name	Address		EIN	Operating interest (%)	
	1								
	2								
	3								
	4								
	Total								
4	Register	red own	er or operator	street, county, and state)	at this facility bel	ow.	re detail ho	w the qualified carbon oxide	is utilized
	а		Fixation through	n photosynthesis or s, such as through the growin		Cribe III IIIO	re detail no	w the qualified carbon oxide	is utilized
	b			ersion to a material or chemic hich qualified carbon oxide is					
	c For any other purpose for which a commercial market exists (with the exception of use as a tertiary injectant in a qualified enhanced oil or natural gas recovery project), as determined by regulations or other official guidance.								
	Have yo	u attach	ed a statement si	narket exists for your particular substantiating that a commerc on lines 5.1 and 5.2. See inst	ial market exists	? Don't com	nplete this r	nodel certificate unless you	
								Mode	el Certificate UTZ

Information about the qualified carbon oxide supplied to the utilization facility: Information about the qualified carbon oxide supplied to the utilization facility was explained at one of its qualified carbon oxide supplied and the carbon oxide or the utilization facility. Supplier means the person who captured the qualified carbon oxide is under the utilization facility. Propare a separate table with all information and attach it of this model carbon oxide suppliers. Table 2 — Information About Qualified Carbon Oxide Supplier Table 3 — Information facility or oxide suppliers of qualified carbon oxide in the information material to the information material mater	cout the qualified carbon oxide support the qualified carbon oxide supplied at one of its qualified 45Q facilities the carbon oxide to the owner of the up it to this model certificate.	polied to the utilization								
and the IRS. If there tons of carbon oxide utilized		prince of the carbo ers of qualified carbo ss. "Supplier" means utilization facility. If the bon Oxide Supplie	ation facility: on oxide during the the person who c here are more than	e calendar ye aptured the n	ear. "Qualified" qualifies of qualifiec	carbon oxide m n oxide, which n 1 carbon oxide t	eans carbon oxic nay differ from th o the utilization fe	e from a suppli e company that cility, prepare a	er who attests that sold the carbon of separate table of	tt the carbon oxide oxide or physically vith all information
and the IRS. If there all suppliers (K) Metric tons of carbon oxide utilized		Name	E	_	Name of ca	pture facility	Location of capture facility (county, state)	EPA e-GGRT ID number(s)*	Check if supp nonqualifie	lier supplied any d carbon oxide
and the IRS. If there all suppliers (K) Metric tons of carbon oxide utilized	-									
and the IRS. If there all suppliers (K) Metric tons of carbon oxide utilized	8 8									
Name of qualified carbon oxide supplier 2 oxide supplier 3 trom all suppliers oxide supplier 3 tons of qualified carbon oxide supplier 3 tons of qualified carbon oxide qualified carbon oxide qualified carbon oxide carbon oxide qualified qualified carbon oxide qualified qualified carbon oxide qualified carbon oxide facility delivered to oxide facility facility and facility and facility and facility considers oxide facility oxide facility and facility facility and facility faci	bliers of nonqualified carbon oxide Table 3 below using information that acility or three suppliers of qualified as to attest that all figures in Table 3 capy of the LCA approval letter from the Information About Utilization	t conforms to the Life carbon oxide, prepa conform to the LCA t he IRS. Don't file this	Cycle Assessme re a separate table hat was subject to s model certificate	int (LCA) that e with all info e a technical in if you haven	t was approved treation and att review by the Difference of the attractions and the arterised the ar	by the Departmach it to this mo OE, and approvang proval letter.	nent of Energy andel certificate.	d the IRS. If the	are are more than	four owners of the
(B) Metric tons of qualified carbon oxide carbon oxide delivered to oxide utilized facility to the facility to tons of tons of tons of tons of tons of tons of qualified carbon oxide carbon oxide delivered to oxide utilized facility to the facility tons of tons of tons of tons of qualified tons oxide delivered to oxide delivered to oxide to the facility tons to the facility to the facility tons of tons of tons of tons of tons of tons of delivered to oxide delivered to the facility tons oxide delivered to the facility tons to the facility tons tons of tons oxide tons oxide delivered to the facility tons oxide tons oxide delivered to the facility tons tons oxide delivered to the facility tons oxide tons oxide tons oxide tons oxide delivered to the facility tons oxide tons oxide tons oxide tons oxide tons oxide tons oxide delivered to the facility (add facility (a		ne of qualified carbo oxide supplier 2		fied carbon oplier 3	Total qualified from all s	carbon oxides suppliers	Total nonqual oxide from a	fied carbon I suppliers	Sum for all carb	on oxide suppliers
	(B) Metric tons of qualified carbon oxide delivered to utilization tons of facility			(G) Metric tons of qualified carbon oxide utilized	(H) Metric tons of carbon oxide delivered to utilization facility (add columns (B), (D), and (F))	(I) Metric tons of carbon oxide utilized (add columns (C), (E), and (G))	(J) Metric tons of carbon oxide delivered to utilization facility	(K) Metric tons of carbon oxide utilized	(L) Metric tons of carbon oxide delivered to utilization facility (add columns (H) and (J))	(M) Metric tons of carbon oxide utilized (add columns (!) and (K))

		Page 3
Part 1.	Part 1. Information About the Owner(s) or Lessee(s) of the Qualified Carbon Utilization Facility (continued)	
1	Yes 11 If the total for column (H) is less than 25,000 metric tons. have you verified with the supplier that its facility meets the minimum capture requirements?	% □
Part 2.	Part 2. Information About the Life Cycle Assessment (LCA) and This Claim	
F -	Title of the LCA submitted to the Department of Energy (DOE)	
8	Date (MM/DD/YYYY) the LCA was submitted to the DOE	
e E	Project or LCA number assigned by the DOE	
4 Q	Date (MM/DD/YYYY) approval letter for the utilization facility was received from the IRS	
5 A	Attach a copy of the approval letter from IRS.	
<i>9</i> ⊘	State if you are applying the TD or the NPRM	
	Model Certificate UTZ	te UTZ

	Page 4	
	Utilization Certification (continued)	
프	Part 3. Information About You and Each of Your Suppliers of Qualified Carbon Oxide	
lati	Information about you, the owner or lessee of the utilization project:	
Zar	Name	
٨dc	Address	
Ш Ы		
nat	Information about all suppliers of qualified carbon oxide to you. Complete multiple model certificates if you had more than one supplier of qualified carbon oxide:	
מה ה	Supplier's EIN	
Za		
Ž		
- Š-	Check here if you were one of the suppliers. Don't check unless the EIN of the supplier of the qualified carbon oxide is the same as your EIN. If the EINs aren't the same, there must be a binding written contract between the entities	
Unl	Unless line 8 is checked, do you attest that a binding written contract between you and the supplier exists that ensures that you will utilize its qualified carbon oxide in the Yes No manner required under section 45Q(f)(5) and the underlying regulations?	
20	Provide the date (MM/DD/YYYY) of the contract referenced in the line above or the date of the most recent contract amendment	
βk	Metric tons of qualified carbon oxide received from the supplier during the year and used in the process indicated on line 6 (metric tons should agree with the figure reported in Table 3)	
\$ 0		
₹ år	Metric tons of the supplier's nonqualified carbon oxide, expressed as carbon dioxide equivalent, utilized in your facility and determined by an LCA (metric tons should be part of the figure in Table 3)	
당 호		
	Model Certificate UTZ	

Page 5
Utilization Certification (continued)
Under penalties of perjury, I attest that I am an officer of the company that is the owner of the subject utilization project. I further attest that the above information is true and correct and that I have provided a signed copy of this completed certificate to each person who supplied qualified carbon oxide to my company for use at the subject utilization facility during this year.
Signature and date signed
Printed or typed name of person signing this report
Title
Company's name and EIN
Model Certificate UTZ

Model Certificate ELECT

	Election Certification		2021
Na	me(s) shown on return:	dentifying number:	
Pa	rt 1		
Ele	ecting taxpayer's information from Model Certificate CF:		
	Name		
2	Address		
3	TIN		
4	Location of capture facility		
5	Placed-in-service date of carbon capture equipment. See Rev. Rul. 2021-13, 2021-30 I.R.B. 152		
6	Type of industrial facility		
7	EPA e-GGRT ID number(s)* of each qualified facility where carbon oxide was captured		
Inf	ormation about the credit claimant. Complete a separate Model Certificate ELECT for each credit cla	aimant (see instruction	s):
8	Name		
9	Address		
10	TIN		
11	Do you attest that the credit claimant isn't a subcontractor? If you can't answer "Yes," you can't elect to allow claim any of your credit		Yes No
12	Check which statement applies:		
	 a Credit claimant disposed of qualified carbon oxide in secure geological storage and didn't use it as a enhanced oil or natural gas recovery project, nor utilized it in a way described in section 45Q(f)(5). b Credit claimant disposed of qualified carbon oxide in secure geological storage and used it as a terti oil or natural gas recovery project. 	, , , , ,	
	c ☐ Credit claimant utilized qualified carbon oxide in a way described in section 45Q(f)(5).		
13	Location of disposal site if box 12a or 12b was checked		
14	EPA e-GGRT ID number(s)* of each disposal site if box 12a or 12b was checked		
15	Check which statement applies:		
	a Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qu 2018, disposed of in secure geological storage, and not used as a tertiary injectant in a qualified enh project, nor utilized in a way described in section 45Q(f)(5).		
	b Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qu 2018, disposed of in secure geological storage, and used as a tertiary injectant in a qualified enhance project.		
	c Qualified carbon oxide captured using carbon capture equipment originally placed in service at a que 2018, and utilized as described in section 45Q(f)(5).	-	-
	d Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qu 2018, during the 12-year period beginning on the date the equipment was originally placed in servic storage, and not used as a tertiary injectant in a qualified enhanced oil or natural gas recovery projection 45Q(f)(5).	e, disposed of in secure of	geological
	Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qu 2018, during the 12-year period beginning on the date the equipment was originally placed in service storage, and used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project.		
	f Qualified carbon oxide captured using carbon capture equipment originally placed in service at a qu 2018, during the 12-year period beginning on the date the equipment was originally placed in servic section 45Q(f)(5).	e, and utilized as describ	ed in
16	enactment of the Bipartisan Budget Act of 2018.	placed in service prior to t	he
17	Check the correct credit rate that applies for 2021 based on the boxes checked for lines 12, 15, and 16. a \$24.10 (\$20 plus inflation for old equipment)		
	b \(\text{\$12.05 (\$10.00 plus inflation for old equipment)} \)	505	
	c \$34.81 for new equipment and qualified carbon oxide disposed of in secure storage and not used in		doooribs
	d \$22.68 for new equipment and qualified carbon oxide disposed of in secure storage and used in EO in section 45Q(f)(5)	or utilized in a manner	aescribea
* if	available		
		Model Cert	ificate ELECT

	Page 2						
	Election Certification (continued)						
Pa	rt 2						
1	If box 12a was checked, metric tons of qualified carbon oxide captured by the Electing Taxpayer and disposed of in secure geological storage by the Credit Claimant and not used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project, nor utilized it in a way described in section 45Q(f) (5) (metric tons should agree with the amount on Model Certificate DISP-Owner, line 12)						
	If box 12b was checked, metric tons of qualified carbon oxide captured by the Electing Taxpayer and disposed of in secure geological storage by the Credit Claimant and used as a tertiary injectant in a qualified enhanced oil or natural gas recovery project (metric tons should agree with the amount on Model Certificate EOR-Owner, line 12)						
3	If box 12c was checked, metric tons of the Electing Taxpayer's qualified carbon oxide, expressed as carbon dioxide equivalent, utilized in the Credit Claimant's facility and determined by an LCA (metric tons should agree with the amount in Model Certificate UTZ, Part 3, line 12)						
4	by the credit claimant. Based upon the box checked in Part 1, line 15, electing taxpayer adds this amount to Model Certificate CF, Part II, column (a) of line 1e, 2e, or 3e, or Part III, column (a) of line 4e, 5e, or 6e						
	2021 credit rate from line 17 of Part 1						
6	Multiply line 4 by line 5. Carbon oxide sequestration credit allowed by electing taxpayer to be claimed by the credit claimant. Credit claimant adds this amount to its Form 8933, line 9						
7	7 Subtract line 4 from amount listed on lines 1, 2, or 3. Metric tons of qualified carbon oxide not allowed by						
8	electing taxpayer to be claimed by the credit claimant						
	der penalties of perjury, I attest that I am an officer of the company that is the owner of carbon capture equipment described in Part 1, lines 1 ough 7. I further attest that the above information is true and correct.						
Sig	nature and date signed						
Prir	nted or typed name of person signing this report						
Title	e						
Coi	mpany's name and EIN						
	der penalties of perjury, I attest that I am an officer of the company that is the owner of the carbon oxide disposal, use, or utilization site described Part 1, lines 8 through 12. I further attest that the above information is true and correct.						
Sig	nature and date signed						
Prir	nted or typed name of person signing this report						
Titl	e						
Coi	mpany's name and EIN						
	Model Certificate ELECT						

Model Certificate RECAPTURE

				Recapture (Certification				2021
Name(s) shown o	n return:						Identifying num	ber:
Part 1									
1		Table 1 below. Information Abo	out the Owner	(s) of the Geol	logic Disposal S	Site			
		202	21	2	020	201	9	201	8
		Name, EIN, and address	Operating interest (%)	Name, EIN, and address	Operating interest (%)	Name, EIN, and address	Operating interest (%)	Name, EIN, and address	Operating interest (%)
	Owner A								
	Owner B								
	Owner C								
	Owner D								
	All other owners. Attach a complete table on a separate sheet.								
	Informatio	n about the geo	logic disposal	site or EOR p	roject for 2021:				
2		he project is a ged		•		•			
3		location (county a	,						
4		me and EIN of the	•		-	, ,	•		
5	. ,	ner companies tha							
		ne purpose(s)							
6		RT ID number(s)*							
7 8		njection of capture project was previo		• (,				
0		DD/YYYY) of the p	•			•	•		
9		project wasn't pre RECAPTURE.	eviously certified	d under section	43, attach a cop	y of a valid petrol	eum engineer's	certification to thi	s Model
10	Is this EOF	R project an enhan	nced natural gas	recovery proje	ect?				Yes No
		or future use.							
16		int of sequestered or provide the UR			mined pursuant to	o 40 CFR Part 98	subpart RR, at	tach a copy of the	approved
17		int of sequestered ar year. Also attac						e ISO 27916 docu	mentation for
* if availa	able								
								Model Certifica	te RECAPTURE

	Para 0												
Dar		Determ	ination	of Recent	ured Qualified	Carbon O	vide						Page 2
					alified carbon ox			the geologi	n dienneal e	ite or FOR I	oroject dur	ina	
	202	21											
2					n oxide that, duri the reservoir dur								
3					oxide that, duri								
					he reservoir dur					viously acc	ounted for	, and will	
4	lf lir	ne 3 is le	ess thar	n line 2, atta	ch a statement					ed carbon	oxide won'	t eventually	
_	_			osphere.					Tla:a:a 4la a a		مادند مدماد		
5					reater than zero ection 1.45Q-5(d								
	rec	apture e	event di	dn't occur									
				_	the cause of the ere made aware	_							
		Ū	•	•			•						ous THREE
	Attach a copy of Model Certificate DISP-Operator or Model Certificate EOR-Operator for this disposal site for each of the previous THREE calendar years.												
	·												
10	In column (C), list the amount of total carbon oxide stored in each of the THREE calendar years prior to the current calendar year. This would be from Model Certificate EOR-Operator, Table 3, column (M), row (5), for each year.												
11	In columns (E), (F), (G), (H), and (I), allocate the amount in column (D) to each owner of the geologic disposal site or EOR project for each year.												
	Check the box if the carbon oxide was qualified. Use two columns for any owner that stored both qualified and nonqualified carbon oxide. If more columns are needed, attach a separate table that shows the allocation for all owners. You should allocate the amount of stored carbon												
	oxide on a pro rata basis, using figures from Model Certificate EOR-Operator, Table 3, of each year, unless there is a sound engineering basis												
10	to do otherwise.												
12	2 Check here if the allocation of the amounts in column (D) were done in a manner other than pro rata and attach an explanatory statement												
	Table 2 — Information About Stored Carbon Oxide Subject to Recapture												
				(C)				Allocation	of stored ca	rbon oxide	subject to	recapture	
				Metric tons of		Owner	(E)	(F)	(G)	(H)	(I)	(J)	(K)
				stored		name						Reserved	Total. Add
				carbon oxide		and EIN						for future use	columns (E) through (I)
		(A)	(B)	from	(D) Stored carbon oxide	Check if						use	tinough (i)
		Year	(B) Year	Table 3	subject to	carbon							
		prior		of the applicable	recapture*	oxide							
				Operator		was qualified							
				Certificate for the		carbon							
				indicated		oxide							
				year									
	` '	1st	2020										
	(2)	2nd	2019			-							
	` '	3rd	2018			-							
	(4)	Total. A rows (1											
		through	,										
	(5)	Subtrac	ct Part 2	2, line 5,									
		from co	,	, .									
		(4). Me carbon		s of not subject									
		to reca	pture d	ue to									
		look-ba		ig limited									
		years.	calt	nual									
13	Pro	vide a c	opy of	Parts 1 and	2 to each owne	r of the disp	oosal site o	or EOR proje	ct during the	current an	d THREE	previous cale	ndar years.
			-										
												Model Certi	ficate RECAPTURE

	Page 3			
Recapture	Certification (continued)			
	ny that is the operator of the subject geologic disposal site or the subject EOR o prepare and submit this certificate to the IRS on their behalf. I further attest that ormation is true and correct.			
Signature and date signed				
Printed or typed name of person signing this report				
Title				
Company's name and EIN				
Part C. Patauniustian of Pasautural Qualified Carbon Quide f	tou Consulton			
Part 3. Determination of Recaptured Qualified Carbon Oxide for Supplier				
to determine the amount of qualified carbon oxide sequestration cresupplier of qualified carbon oxide during the current and THREE pro	project during the current and THREE previous calendar years. Part 3 will be used edit that needs to be recaptured. A separate Part 3 should be completed for each evious calendar years and a copy should be give to each supplier.			
Information about you, the owner of the EOR project:				
1 Name				
2 Address				
3 EIN				
Information about suppliers who supplied carbon oxide durin EACH SUPPLIER: 4 Name	ng any of the THREE previous calendar years. COMPLETE A PART 3 FOR			
5 EIN	······			
6 Name and location of carbon oxide capture facility (if supplier s	supplied any qualified carbon oxide)			
7 Type of industrial facility at which the supplier captured its qual				
8 Complete Table 5 using information from Table 3 of Model Cer	rtificate EOR for the previous THREE calendar years. Complete a separate Table is THREE calendar years. If one supplier supplied qualified carbon oxide from			
	Model Certificate RECAPTURE			

Page 4 **Recapture Certification** (continued) Table 5 — Information About Carbon Oxide Sequestration Credit Subject to Recapture by Supplier Supplier Name: (H) Amount of carbon (J) Amount of (I) Metric tons oxide of carbon oxide carbon oxide sequestration for which the sequestration (G) Metric tons of credit for (C) Total supplier didn't credit for which (E) Your carbon oxide for which the elect to allow the supplier metric (D) Total amount of (F) Rate of which the supplier tons of you to claim didn't elect to (A) metric tons of qualified carbon oxide supplier elected elected to (B) stored the carbon allow you to Year stored carbon carbon sequestration to allow you to allow you to carbon Year oxide claim the prior oxide subject oxide credit for the claim the carbon claim the oxide sequestration carbon oxide to recapture oxide carbon oxide subject to year (\$/MT) from credit (MT). sequestration recapture sequestration sequestration Table 2 Subtract credit (\$). credit (MT) credit (\$). column (G) Multiply Multiply from column column (I) by column (G) column (F). (E). by column (F). 2020 (1) 1st (2)2nd 2019 (3)3rd 2018 (4) Total metric tons. Add rows (1) through (3) (5) Amount of carbon oxide sequestration credit you must recapture this year for carbon oxide supplied by this supplier. Add rows (1) through (3). Add to your Form 8933, Part IV, (6) Total metric tons. Add rows (1) through (3) (7) Amount of carbon oxide sequestration credit the supplier of carbon oxide must recapture this year. Add rows (1) through (3). The supplier must add this amount to its Form 8933, Part IV, line 12 Under penalties of perjury, I attest that I am an officer of the company that is the owner of the subject geologic disposal site or the subject EOR project. I further attest that the above information is true and correct and that I have provided a signed copy of this completed recapture certificate to each person. Signature and date signed Printed or typed name of person signing this report Title

Instructions for Form 8933 (2021)

Company's name and EIN

Model Certificate RECAPTURE

Paperwork Reduction Act Notice. We ask for the information on this form to carry out the Internal Revenue laws of the United States. You are required to give us the information. We need it to ensure that you are complying with these laws and to allow us to figure and collect the right amount of tax.

You are not required to provide the information requested on a form that is subject to the Paperwork Reduction Act unless the form displays a valid OMB control number. Books or records relating to a form or its instructions must be retained as long as their contents may become material in the administration of any Internal Revenue law. Generally, tax returns and return information are confidential, as required by section 6103.

The time needed to complete and file this form will vary depending on individual circumstances. The estimated burden for individual and business taxpayers filing this form is approved under OMB control number 1545-0074 and 1545-0123 and is included in the estimates shown in the instructions for their individual and business income tax return. The estimated burden for all other taxpayers who file this form is shown below.

Recordkeeping	1 hr., 54 min.
Learning about the law or the form	6 min.
Preparing and sending the form to the IRS.	7 min.

If you have comments concerning the accuracy of these time estimates or suggestions for making this form simpler, we would be happy to hear from you. See the instructions for the tax return with which this form is filed.