

Data Dictionary V2.1

This document provides a data dictionary and general information for suppliers to complete the Monthly Notification Template for ECO2. This does not cover surplus action applications. We will issue suppliers a separate data dictionary for surplus action applications.

This data dictionary sets out each of the fields to be completed on the Monthly Notification Template, the questions suppliers should be answering when completing the field, as well as an explanation of the information suppliers should provide. It then sets out the data field type required, the accepted format and validations involved for each field.

The data dictionary also distinguishes between types of data that are provided in the Monthly Notification Template.

- Core Data: must be provided in order for a notification to be made. If core data is omitted or provided in a format other than the accepted format, the attempt to notify the measure will fail.
- Required Data: must be provided before we can process the notification. If this information is omitted or not provided in the correct format, the notification will be made, but we will be unable to process the notification.
- Optional Data: we request suppliers provide this in order to assist our validation and audit processes, and to assist suppliers should they later wish to transfer a measure to another supplier, or re-elect a measure.

Suppliers should be aware that Ofgem's system cannot accept data unless notified in accordance with the accepted format as specified below. The accepted format is case sensitive and includes headings. As noted above, where core data is provided in a format other than the accepted format, the attempt to notify the measure will fail.

Ofgem will perform additional validations to check dependencies of mandatory fields and measure eligibility.

Submitting the Notification Template:

- File name should be AAA_AAA00_V0.0 where the three letter prefix is the supplier's three letter acronym, AAA00 is the notification month and year and V0.0 refers to the approved template version.
- File should be submitted in .csv format.
- File should include the heading for each field.
- Format "A" - Alphabetic.
- Format "N" - Numeric.

Completing the Notification Template

- When a field is not applicable, or not required for your notification (as indicated by the 'required when' statement in the 'Mandatory' column), it should be populated with 'N/A'. This will be an accepted format entry except when completing the address data. The address fields must not be completed with 'N/A' as this will not be accepted by the Ofgem system. For additional information on formatting addresses refer to the Guidance Note for Address Formatting for ECO, available on our website.

Associated Documents

For further information on any of the fields listed below or information on our administration of ECO, refer to the ECO2 Guidance, available on our website.

For information on energy efficiency measures which suppliers can use to meet their ECO obligations, including how to differentiate between 'measure categories' and 'measures', refer to the ECO2 Measures Table (and additional information), available on our website.

Data	Question	Information	Data Field Type	Accepted Format	Validations	Mandato ry	Review Tab
Overall_Obligation_Period	Which overall obligation period has the measure been delivered under?	This is based on the date of completed installation (DOCI). The ECO2 period runs from 01 April 2015 to 31 March 2017.	Alphabetic	ECO 2	If DOCI is between 01/04/2015 and 31/03/2017 (inclusive), the entry should be 'ECO 2'.	Required	Overview
ECO_Supplier_Reference	What is the ECO supplier reference number of the supplier that owns the measure?	<p>This refers to the unique ECO supplier reference number allocated to every supplier by Ofgem. This takes the form AAANNNNNNNNA. The first three characters are an acronym identifier for the company name. The eight alphanumeric characters are the licence-holder's company registration number and the final letter denotes the licence type, E = Electricity, G = Gas.</p> <p>This entry identifies the supplier whose obligations the measure will be credited towards. The ECO supplier reference number that is provided must be for the supplier that owns the measure. In relation to transferred measures, this will be the supplier that is the 'buyer'.</p>	Alphanumeric	AAANNNNNNNNA	<p>The reference number must be a valid supplier reference.</p> <p>Only entries in the accepted format are valid.</p>	CORE	Overview
Obligation_Category	Which of the obligations is the measure to be credited towards?	<p>This refers to the ECO obligation the measure is to be credited against (i.e. CERO, CSCO, or HHCRO).</p> <p>There are different requirements for each of the ECO obligations. Therefore, this choice determines which of the subsequent entries must be completed in order for us to deem notification of the measure successful.</p> <p>Where the measure is to be credited towards the rural sub-obligation, 'CSCO' should be entered here and the 'rural sub-obligation' field should be completed below.</p>	Alphabetic	CERO CSCO HHCRO	Only entries corresponding to the list are valid.	CORE	Overview
Measure_Type	Which measure was installed at the premises?	<p>This describes the measure type installed at the premises (each measure installed is to be reported in a separate row).</p> <p>When completing this field, refer to the ECO2 Measures Table published on our website. This sets out the 'Measure Name: format for notification to Ofgem'.</p>	Alphanumeric	As per the advised list of measures in the ECO2 Measures Table	Only entries corresponding to those in the ECO2 Measures Table are valid.	CORE	Measure

		Measures need to be notified in the exact naming convention specified in the ECO2 Measures Table under 'Measure Name: format for notification to Ofgem'. Notifications which do not provide the measure in the format set out in 'Measure Name: format for notification to Ofgem' will fail (with a status of 'Failed Notification').					
Measure_Reference_Number	What is the unique measure reference number that the supplier has generated for this particular measure?	This is the unique reference number generated by the supplier and ascribed to the measure being notified. This allows the measure to be identified by both suppliers and Ofgem. This reference number must be unique across ECO1 and ECO2. A measure reference number used in ECO1 cannot be used for an ECO2 measure.	Alphanumeric	AAANNNNNNN	Only entries in the accepted format are valid.	CORE	All
Purpose_of_Notification	What is the purpose of this submission?	This indicates the reason for notifying the measure. For example, whether it is a new notification, an edit to a previously notified measure, or a notification of a measure for which an extension is sought.	Alphabetic	New Notification, Edited Notification, Extended Notification, Re-election	Only entries corresponding to the list are valid.	Required	Overview
Associated_Measure	Does the measure have an associated primary or secondary measure?	In CERO, a supplier can install packages of measures. This entry identifies whether the measure being notified has an associated secondary or primary measure. The concept of associated measures is explained in the ECO2 Guidance and reflects the eligibility criteria for carbon qualifying actions under CERO. Entering 'Primary' indicates that this measure has an associated primary measure. Entering 'Secondary' indicates that this measure has an associated secondary measure. 'N/A' may be entered where the measure being notified does not have an associated primary or secondary measure.	Alphabetic	Primary Secondary N/A	Only entries corresponding to the list are valid	Required when (i) 'Obligation_Category' = CERO; AND (ii) Measure_Type is one of the following - 'UFI' or 'HWCI' or 'PWI' or 'DP' or 'WG' or 'PWWD' or 'HPED_less_60' or	Overview

						HPED_greater_60	
Associated_Measure_Reference_Number	Where there is an associated primary or secondary measure, what is the reference number for that measure?	Provide the unique reference number for the associated primary or secondary measure, as applicable. In CERO, a secondary measure must be supported by a primary measure that is installed to a minimum area (and in the case of loft insulation, a minimum depth). This is explained in the ECO2 Guidance. Where a supplier is using more than one primary measure to meet the minimum area condition to support a secondary measure, the supplier should enter the reference number of the primary measure which resulted in the area condition being met or exceeded.	Alphanumeric	AAANNNNNNN N/A	Only one associated measure reference number should be provided. Only entries in the accepted format are valid.	Required when 'Associated_Measure' = Primary or Secondary	Overview
Date_of_Completed_Installation	On what date was the installation of the measure completed?	This indicates the date on which the installation of the measure was 'complete' (DOCI). Please refer to the ECO2 Guidance for information on how this date is determined.	Date Field	dd/mm/yyyy	Only DOCI between 01/04/2015 and 31/03/2017 (inclusive) are valid. Only entries in the dd/mm/yyyy format are valid.	CORE	Overview
Building_Number	Where relevant, what is the number of the building in which the measure was installed?	Provide the number of the building (if applicable).	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	CORE when 'Building_Name' is unavailable	Property/Person
Building_Name	Where relevant, what is the name of the building in which the measure was installed?	Provide the name of the building (if applicable).	Alphanumeric	Free Text Max character length of 100 characters	Only entries in the accepted format are valid.	CORE when 'Building_Number' is unavailable	Property/Person

Flat_Name/ Number	Where relevant, what is the name or number of the flat in which the measure was installed?	Provide the name or number of the flat (if applicable). The word 'Flat' should be entered where appropriate (e.g. 'Flat 1').	Alphanumeric	Free Text Max character length of 50 characters	If a flat name or number is available it must be provided. Only entries in the accepted format are valid.	No	Property /Person
Street_Name	What is the name of the street on which the premises is located?	Provide the name of the street on which the premises is located.	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	No	Property /Person
Town	What is the name of the town or city in which the premises is located?	Provide the town in which the premises is located.	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	CORE	Property /Person
Post_Code	What is the postcode for the premises?	Provide the full Royal Mail postcode corresponding to the address provided.	Alphanumeric with/without 'Space'	AN NAA ANN NAA AAN NAA AANN NAA ANA NAA AANA NAA	Postcodes with and without spaces will be accepted Max character length of 10 characters. Only entries in the accepted format are valid.	CORE	Property /Person
Unique_Property_Reference_Number_(UPRN)	What is the UPRN for the premises?	Provide the unique property reference number that is the unique twelve digit number assigned to every unit of land and property by the National Land and Property Gazetteer and recorded by local Government. 'N/A' may be entered where the UPRN is unknown.	Alphanumeric	NNNNNNNNNN N/A	Numeric entries must be 12 digits. Only entries in the accepted format are valid.	No	Property /Person
LSOA/DZ_Code	What is the relevant LSOA or DZ code in which the premises is located?	Provide the code for the Lower Super Output Area (LSOA) or Datazone (DZ) in which the premises is located. For more information on LSOAs and DZs please see the ECO2 Guidance.	Alphanumeric	ANNNNNNN N/A	Only entries in the accepted format are valid.	Required when (i) 'Obligation_Catego	Property /Person

						ry' = CSCO; AND (ii) 'Low_Income' = Yes; OR (iii) 'Adjoining_Installation' = Yes	
Low_Income	Is the premises located in an area of low income as defined in the Order?	A supplier achieves its CSCO mainly by promoting carbon saving community qualifying actions in an area of low income. Suppliers will need to determine whether the LSOA/DZ code for the premises correlates with one of the areas of low income specified in the document entitled: ' The Future of the Energy Company Obligation: Small Area Geographies Eligible for ECO CSCO Support ' or the CSCO tool available on our website.	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	Required when 'Obligation_Category' = CSCO	Property/Person
Adjoining_Installation	Is the measure an adjoining installation as defined in the Order?	Suppliers will need to determine whether the measure was installed in an area adjoining an area of low income in conjunction with ' The Future of the Energy Company Obligation: Small Area Geographies Eligible for ECO CSCO Support ' or with the CSCO tool available on our website . For further information on how to determine whether a premises is situated in an area adjoining an area of low income please refer to the ECO2 Guidance.	Alphabetic	Yes No N/A	English and Scottish LSOA/DZs cannot adjoin one another. Only entries corresponding to the list are valid.	Required when: (i)'Obligation_Category' = CSCO; AND (ii) 'Low_Income' = No AND (iii) 'Rural_Sub_Obligation' = No	Property/Person
Adjoining_LSOA/DZ_Code	Where the measure being notified is an adjoining installation, what is the LSOA/DZ code for the area of	Provide the LSOA/DZ code of the low income area that adjoins the area in which the adjoining installation was installed as specified in the document entitled: ' The Future of the Energy Company Obligation: Small Area Geographies Eligible for ECO CSCO Support ' or the CSCO tool available on our website .	Alphanumeric	ANNNNNNN N/A	Only entries in the accepted format are valid.	Required when 'Adjoining_Installation' = Yes	Property/Person

	low income that it adjoins?						
Rural_Area	Is the premises located in a rural area?	<p>Suppliers must achieve at least 15% of their total CSCO by promoting qualifying actions to either members of the Affordable Warmth Group (AWG) living in a rural area, or to a premises within deprived rural areas.</p> <p>At notification, suppliers will need to state whether they intend to claim a measure against their rural sub-obligation.</p> <p>Suppliers should refer to: 'The Future of the Energy Company Obligation: Small Area Geographies Eligible for ECO CSCO Support' document, or use the CSCO tool available our website, to ensure measures are installed in eligible rural areas.</p> <p>'Lower Rural' refers to a deprived rural area. If a measure is installed in a 'Lower Rural' area, AWG information is not required.</p> <p>'Upper Rural' refers to a rural area that is not a deprived rural area. If a measure is installed in an 'Upper Rural' area, and a supplier intends to credit that measure towards its rural sub-obligation, AWG information is required.</p>	Alphabetic	No Upper Rural Lower Rural N/A	Only entries corresponding to the list are valid.	Required when 'Obligation_Category' = CSCO	Overview
Rural_Sub_Obligation	Is the measure intended to be credited towards the rural sub-obligation?	<p>Suppliers must achieve at least 15% of its total CSCO by promoting carbon saving community qualifying actions to members of the Affordable Warmth Group (AWG) living in a rural area or a premises in a deprived rural area. This requirement is the 'rural sub-obligation' (RSO).</p> <p>If a measure is installed in a rural or deprived rural area and it contributes to the RSO, then 'Yes' should be entered in this field.</p>	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	Required when: (i) 'Obligation_Category' = CSCO (ii) 'Rural_Area' = "Upper Rural" or "Lower Rural"	Overview

Affordable_Warmth_Group	Was the measure installed at a premises occupied by a member of the Affordable Warmth Group (AWG)?	<p>Where a measure is being credited towards HHCRO or is in an 'Upper Rural' area and a supplier intends to credit the measure towards its rural sub-obligation in CSCO, the measure must be installed at a premises occupied by a member of the AWG.</p> <p>For further information on the definition of AWG, please refer to the ECO2 Guidance.</p> <p>Where relevant, provide the category of AWG (i.e. Low Income, Disabled and Elderly). Only one category may be selected for each measure. Where the supplier is aware of more than one category being applicable, suppliers should provide one of the applicable categories.</p> <p>'Yes - (i)' may only be entered where the category of the AWG is unknown. This is where the customer's AWG status has been verified through the DWP data matching service; the customer has been referred from Energy Saving Advice Service or Home Energy Scotland (ESAS/HES) with a 'matched' URN; or the customer is part of the WHD Core Group.</p> <p>'Low Income' may be entered where the member of the AWG is in receipt of one of the following benefits: Child Tax Credit; Working Tax Credit and a qualifying child component; Income Support or Employment and Support Allowance or Jobseeker's Allowance and a qualifying child component or a disabled child premium; Employment and Support Allowance and a work-related activity component; Universal Credit and a qualifying child component or limited capability for work, or limited capability for work and work-related activity.</p> <p>'Disabled' may be entered where the member of the AWG is in receipt of one of the following benefits: Employment and Support Allowance or Income Support or Jobseeker's Allowance and a disability premium or a disabled child premium; Working Tax Credit and a disability element; Universal Credit and a limited capability for work or limited capability for work and work-related activity or Disability Living Allowance or Personal Independence Payment; Employment and Support Allowance and a support component.</p> <p>'Elderly' may be entered where the member of the AWG is in receipt of one of the following benefits: State Pension</p>	Alphabetic	Yes - (i) Low Income Disabled Elderly No N/A	Only entries corresponding to the list are valid.	Required when: (i) 'Rural_Sub_Obligation' = Yes AND Rural_Area is "Upper Rural"; OR (ii) if 'Obligation_Category' = HHCRO	Property/Person
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		<p>Credit; Working Tax Credit and aged over 60; Job Seeker's Allowance or Income Support or Employment and Support Allowance and a pensioner premium.</p> <p>'No' may be entered if a measure is intended to be credited towards the CSCO rural sub-obligation but the measure is installed in a 'Lower Rural' area. AWG information is not required in this instance.</p>					
AWG_Verification_Method	How has AWG membership been determined?	<p>For further information on how to identify whether a person is a member of the AWG, please refer to the ECO2 Guidance.</p> <p>'ESAS' may be entered where the member of the AWG was verified through ESAS/HES and has a 'matched' reference number from that service.</p> <p>'WHD Core Group' may be entered where the supplier can produce a WHD Core Group notice at audit for the AWG member.</p> <p>A data link is being established with the Department of Work and Pensions (DWP) so that AWG eligibility can be verified through a data matching exercise. Once this is in place, suppliers should enter 'DWP Match' for measures where AWG eligibility has been verified using this method.</p> <p>'Other' may be entered where a supplier will produce a copy of the relevant documents specified in the ECO2 Guidance at audit.</p>	Alphabetic	<p>ESAS</p> <p>WHD Core Group</p> <p>Other</p> <p>DWP Match</p> <p>N/A</p>	Only entries corresponding to the list are valid.	Required when 'Affordability_Group' = Yes (i), Disabled, Low Income, OR Elderly	Property/Person
ESAS_Reference_Number	What is the ESAS/HES reference number that was provided on referral?	Where a customer was verified through ESAS/HES, provide the unique 'matched' reference number for the ESAS/HES referral (7 digit numeric for England and Wales, 8 digit numeric for Scotland).	Numeric	<p>NNNNNNNN</p> <p>NNNNNNNN</p> <p>N/A</p>	Only entries corresponding to the list are valid.	Required when 'AWG_Verification_Method' = ESAS	Property/Person
Private_Domestic_Premises	Was the measure installed at a private domestic	<p>Indicates whether the premises is a premises that is, generally, not owned and/or let by a social landlord.</p> <p>For further information on the definition of a private domestic premises, please refer to the ECO2 Guidance.</p>	Alphabetic	<p>Yes</p> <p>No</p> <p>N/A</p>	Only entries corresponding to the list are valid.	Required when 'Obligation_Category' =	Property/Person

	premises?					HHCRO	
Tenure	What is the tenure of the premises?	Provide a description of the tenure of the premises. For example 'Owner Occupied', 'Private Rented Sector', 'Social Housing (RSL)', 'Unknown'.	Alphabetic	Owner Occupied Private Rented Sector Social Housing (RSL) Unknown N/A	Only entries corresponding to the list are valid.	No	Property /Person
Property_Type	What type of property is the premises?	Provide a description of the premises.	Alphabetic	House Bungalow Flat Maisonette Mobile Home	Only entries corresponding to the list are valid.	Required	Property /Person
Scoring_Method	What scoring method has been used?	Indicates the methodology used to calculate the savings for the measure. Where a measure can be scored using SAP or RdSAP, these methodologies must be used. Where SAP or RdSAP are not available, an appropriate methodology (AM) may be used.	Alphabetic	SAP RdSAP AM	Only entries corresponding to the list are valid.	Required	Measure
Name_&Version_Of_Scoring_Tool_Used	What is the name and version of the scoring tool used?	Provide the exact name and version number of the approved scoring tool, as listed by the UKAS-accredited body that approved the tool, used to calculate the savings for the measure.	Alphanumeric	Free Text Max character length of 150 characters	Only entries in the accepted format are valid.	Required	Measure
Appropriate_Methodology_ID	Where an appropriate methodology (AM) has been used, what is the reference number for that AM?	If an AM has been used to calculate the savings of the measure, the reference number Ofgem allocated to this appropriate methodology must be provided. (Ofgem will provide a unique AM ID when a request is submitted to use an appropriate methodology). Measures scored using an AM that have not yet been approved will be placed on hold and review of the measures will be subject to the approval of that methodology.	Alphanumeric	AANNNN N/A	Only entries in the accepted format are valid.	Required when 'Scoring_Method' = AM	Measure

Annual_Carbon_Saving_(TCO2)	What is the annual carbon saving?	<p>Indicates the annual carbon saving in tonnes of carbon dioxide (TCO₂) achieved by the measure. This saving should be calculated in accordance with SAP, RdSAP, or an AM.</p> <p>If calculated using SAP or RdSAP 2012, the annual carbon saving must be multiplied by 0.925 to convert it from CO₂e to CO₂. The CO₂ value should be entered in this field and not the CO₂e value.</p> <p>SAP 2012 is not yet available for use in Scotland. If calculating savings for measures installed in Scotland using SAP, suppliers can only use SAP 2009. No conversion to CO₂ is required in these instances.</p> <p>Suppliers should not include the 'TCO₂' when completing this field.</p>	Numeric	NNN.NNN N/A	Only entries in the accepted format are valid.	Required when 'Obligation_Category' = CERO or CSCO	Measure
Annual_Cost_Saving_(£)	What is the annual cost saving?	<p>Indicates the annual cost saving (in GBP£) achieved by the measure. This saving should be calculated in accordance with SAP, RdSAP, or an appropriate methodology.</p> <p>The annual cost saving should not take into account the 'HHCRO multiplier'.</p> <p>Suppliers should not include the '£' symbol when completing this field.</p>	Numeric	NNNNN.NN N/A	Only entries in the accepted format are valid.	Required if 'Obligation_Category' = HHCRO	Measure
Lifetime_(years)	What is the lifetime of the measure?	Indicates the expected lifetime of the measure. The ECO2 Measures Table provides a list of lifetimes and is available on our website.	Numeric	NN	Only entries in the accepted format and as per the ECO2 Measures Table are valid.	Required	Measure
In-Use_Factor	What is the in-use factor of the measure?	Indicates the in-use factor of the measure. The in-use factors are listed in the ECO2 Measures Table.	Numeric	NNN N/A	Only entries in the accepted format and as per the ECO2 Measures Table are valid.	Required if 'Obligation_Category' = CERO or CSCO	Measure
Carbon_Score_(TCO2)	What is the carbon score for the measure?	<p>The carbon score is calculated as follows:</p> <p><i>Annual carbon saving x Lifetime x (100% - In-Use Factor)</i></p> <p>See the ECO2 Guidance for further information.</p>	Numeric	NNNN.NNN N/A	Only entries in the accepted format are valid.	CORE when 'Obligation_Category' = CERO or	Measure

		Suppliers should not include the 'TCO2' when completing this field.				CSCO	
Cost_Score_(£)	What is the cost score for the measure?	<p>The cost score is calculated as follows:</p> <p><i>Annual cost saving x Lifetime x HHCRO Multiplier (where applicable)</i></p> <p>See the ECO2 Guidance for further information.</p> <p>Suppliers should not include the '£' symbol when completing this field.</p>	Numeric	NNNNNN N/A	Only entries in the accepted format are valid.	CORE when 'Obligation_Category' = HHCRO	Measure
Primary_Eligibility	Where the measure has an associated primary measure, has the latter been installed in accordance with the required eligibility criteria?	<p>In CERO, a measure cannot be eligible as a 'secondary measure' unless the associated primary measure meets the area condition. The area conditions are as follows:</p> <p>Wall insulation (EWI, IWI, CWI), at least 50% of the total area of the exterior facing walls.</p> <p>Insulation of a mobile home, at least 50% of the mobile home (ceiling, floor and walls).</p> <p>Roof-space insulation (flat roof, loft, rafter and room-in-roof), at least 50% of the total roof space area.</p> <p>In addition to the area condition, for loft insulation, no more than 150mm of existing insulation can be in place before the installation. The insulation depth after installation of the measure must be no less than 250mm.</p> <p>The area condition may be met by the installation of more than one measure.</p> <p>See the ECO2 Guidance for further information.</p>	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	<p>Required when:</p> <p>(i) 'Obligation_Category' is CERO; AND (ii) 'Associated_Measure' = 'Primary'</p>	Measure
Evidence_of_Lifetime_for_Wall_Insulation	Where the measure is wall insulation, is there an appropriate guarantee?	<p>Where the measure notified is wall insulation, the lifetime that will be awarded to the measure will depend on whether the installation is accompanied by an appropriate guarantee. Information on appropriate guarantees is available on our website and in the ECO2 Guidance.</p> <p>'Yes' should be entered where the measure is accompanied by an appropriate guarantee. Details about</p>	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	Required when 'Measure_Category' = 'Solid Wall Insulation'	Measure

		the guarantee should be entered in the 'Wall_Guarantee' field.				, 'Cavity Wall Insulation', 'Park Home External Wall Insulation' OR 'Party Cavity Wall Insulation'	
HTTC_Qualification	This field is not valid for ECO2 measures. N/A must be entered for all measures.	This field is not valid for ECO2 measures. N/A must be entered for all measures.		N/A	N/A must be entered	Required	Measure
Boiler_or_ESH_Warranty	Where the measure is the repair or replacement of a boiler or an electric storage heater (ESH), was the measure accompanied by a warranty?	Indicates the length (in years) of the warranty. All replacement boiler or ESH measures must be accompanied by a warranty of at least one year. Repairs of qualifying boilers or qualifying ESHs must be accompanied by a warranty of one or two years.	Numeric	N N/A	Only entries in the accepted format are valid.	Required when 'Overall_Obligation_Period' is 'ECO 2' AND if 'Measure_Type' is 'QB_Repair_1_year' or 'QB_Repair_2_year' or 'QB_Replacement_Gas_Warranty' or 'QB_Replacement_Warranty' or 'QB_Replacement_	Measure

						ESH_Warranty' or 'Non_QB_installation_Warranty' or 'QESH_Repair_1_Year' or 'QESH_Repair_2_Year' or 'QESH_Replacement_Warranty' or 'ESH_Replacement_Warranty'	
Adequate_Roof_or_Wall_Insulation	Where the measure is a connection to a district heating system (DHS), does the premises have adequate roof or wall insulation?	In CERO and CSCO, a connection to a DHS is only eligible if the premises being connected has adequate roof or wall insulation. 'Yes' should be entered where the premises being connected to the DHS meets one of the two insulation pre-conditions (as relevant). For further information please refer to the ECO2 Guidance.	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	Required when (i) the Measure is a DHS AND (ii) 'Obligation Category' = CSCO, or CERO	Measure

Pre_Main_Heating_Source_for_the_Property	What was the fuel type of the main space heating system(s) for the premises before the measure was installed?	Indicates the fuel type of the main space heating system of the premises prior to installation of the measure. If there are two main space heating systems and one is either mains gas or a DHS, provide the fuel type for both systems. In other cases, choose one of the main space heating system fuels. Select 'Other' only if the fuel type is not listed here.	Alphabetic	Coal Gas Oil LPG Electric Renewable DHS Gas/Coal Gas/Oil Gas/LPG Gas/Electric Gas/Renewable Gas/Other DHS/Coal DHS/Oil DHS/LPG DHS/Electric DHS/Renewable DHS/Other Other	Only entries corresponding to the list are valid.	Required	Property/Person
Recommended_Measure	Is the measure a recommended measure?	For CERO and CSCO all measures (other than a connection to a DHS) must be a 'recommended measure' in either a Green Deal Advice Report (GDAR) or in a Chartered Surveyor Report (CSR).	Alphabetic	GDAR CSR N/A	Only entries corresponding to the list are valid.	Required when (i) 'Obligation_Category' = CERO or CSCO; AND (ii) Measure is NOT a DHS	Measure
Pre_Installation_EPC_RRN	Was a pre-installation EPC completed and lodged with the appropriate	Provide the latest report reference number for an EPC (if generated and lodged in the appropriate EPC Register) generated prior to the installation of the specified measure. 'N/A' must be entered where a pre-installation EPC is not lodged or has been withdrawn.	Alphanumeric	NNNN-NNNN-NNNN-NNNN N/A Max character entry of 24	Only entries in the accepted format are valid.	No	Measure

	body?			characters			
Post_Installation_EPC_RRN	Was a post-installation EPC completed and lodged with the appropriate body?	Provide the latest report reference number for an EPC (if generated and lodged in the appropriate EPC Register) generated after the installation of the specified measure. 'N/A' must be entered where a post-installation EPC is not lodged or has been withdrawn.	Alphanumeric	NNNN-NNNN- NNNN-NNNN- NNNN N/A Max character entry of 24 characters	Only entries in the accepted format are valid.	No	Measure
Green_Deal_Advice_Report_URN	Where the measure is recommended in a Green Deal Advice Report, what is the report reference number?	Where a measure is recommended in a GDAR, provide the report reference number for that GDAR.	Numeric	NNNN-NNNN- NNNN-NNNN- NNNN N/A	Only entries in the accepted format are valid.	Required when 'Recommended_Measure' = GDAR	Measure
Brokerage	Was the measure purchased through the Brokerage Mechanism?	Indicates whether the measure was purchased through brokerage.	Alphabetic	Yes No	Only entries corresponding to the list are valid.	Required	Overview
Brokerage_Lot_Number	If the measure was purchased through brokerage, what is the lot number of the measure?	Provide the reference (lot number) associated to the purchase through brokerage.	Alphanumeric	Free Text Max character length of 50 characters	Only entries corresponding to the list are valid.	Required when 'Brokerage' = Yes	Overview

Installed_In_Accordance_with_PAS?	If the measure is referred to in the Publicly Available Specification 2030:2014 (PAS), was the measure installed in accordance with PAS?	All measures that are referred to in PAS must be installed in accordance with the Specification. For further information on this requirement please refer to the ECO2 Guidance.	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	Required when 'Measure_Type' is referred to in PAS	Measure
Measure_Carried_Out_As_Part_Of_A_Green_Deal_Plan	Was the measure installed through a Green Deal Plan?	Indicates whether the measure was installed through a Green Deal Plan. 'N/A' may be entered where it is unknown whether the measure was delivered through a Green Deal Plan.	Alphabetic	Yes No N/A	Only entries corresponding to the list are valid.	Required	Overview
Green_Deal_Plan_Reference_Number	If the measure was installed through a Green Deal Plan, what is the Green Deal Plan number?	If the measure was installed through a Green Deal Plan, provide the reference number of the Green Deal Plan.	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	Required when 'Measure_Carried_Out_As_Part_Of_A_Green_Deal_Plan' = Yes	Overview
Green_Deal_Provider_Registration_ID	If the measure was installed through a Green Deal Plan, what is the registration ID of the Green Deal Provider?	Provide the registration ID of the Green Deal Provider.	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	Required when 'Measure_Carried_Out_As_Part_Of_A_Green_Deal_Plan' = Yes	Overview
Floor_Area	What is the total floor area of the premises?	Provide the total floor area of the premises in 'm ² '. This includes the area on each storey of the dwelling plus extensions, if any. Suppliers should not include the 'm ² ' when completing this field.	Numeric	NNNNNN.NN	Only entries in the accepted format are valid.	Required	Property/Person

Percentage_of_Measure_Installed	What percentage of the measure has been installed at the premises?	<p>Indicates what percentage of all areas of the premises that are suitable for treatment with that measure have been treated.</p> <p>For example, if a premises has 100m² of exterior-facing cavity walls, and 75m² are insulated in ECO, the percentage of measure installed = 75%.</p> <p>Suppliers should not include the '%' symbol when completing this field.</p>	Alphanumeric	NNN	Only entries in the accepted format are valid.	Required	Measure
HHCRO_Multiplier	What HHCRO multiplier has been applied in calculating the cost score for this measure?	<p>A multiplier will be included in calculating the cost score of some HHCRO measures. If no HHCRO multiplier is applied, then 'N/A' should be entered.</p> <p>If the measure is installed to improve the insulating properties of a non-gas fuelled premises, a multiplier of 1.35 should be entered.</p> <p>If the measure is the replacement of a qualifying boiler by a measure other than an electric storage heater at a non-gas fuelled premises), a multiplier of 1.45 should be entered.</p> <p>If the measure is the repair of a qualifying boiler at a non-gas fuelled premises, a multiplier of 1.45 should be entered.</p> <p>If the measure is the replacement of a mains gas qualifying boiler by a mains gas boiler, a multiplier of 0.8 should be entered.</p> <p>See the ECO2 Guidance for further information.</p>	Alphanumeric	N.NN N/A	Only entries in the accepted format are valid.	Required when a HHCRO multiplier was included in calculating the cost score of the measure	Measure

Post_Main_Heating_Source_for_the_Property	What is the fuel type of the main space heating system(s) for the premises after the measure was installed?	<p>Indicates the fuel type of the main space heating system of the premises after the installation of the measure. If there are two main space heating systems and one is either mains gas or a DHS, provide the fuel type for both systems. In other cases, choose one of the main space heating system fuels.</p> <p>Select 'Other' only if the fuel type is not listed here.</p> <p>It is necessary to complete this field even if the main heating fuel type has not changed after the installation of the measure (in these cases enter the fuel type entered for: 'Pre_Main_Heating_Source_for_the_Property').</p>	Alphabetic	Coal Gas Oil LPG Electric Renewable DHS Gas/Coal Gas/Oil Gas/LPG Gas/Electric Gas/Renewable Gas/Other DHS/Coal DHS/Oil DHS/LPG DHS/Electric DHS/Renewable DHS/Other Other	Only entries corresponding to the list are valid.	Required	Property/Person
Installer_Name	What is the name of the installer?	Provide the name of the company that carried out the installation of the measure at the premises. This should not be the name of the management agent unless they carried out the installation. In cases where the measure is included in PAS 2030, and is installed by a PAS certified installation company, we would expect this name to be captured rather than a company the PAS certified installer company has sub-contracted the installation to.	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	Required	Measure
DWP_Reference_Number	What is the reference number provided by the data matching provider confirming DWP have verified the customer is an AWG member?	Where a customer was verified as a member of the AWG using the DWP data matching service, enter the reference number provided by the data matching provider.	Alphanumeric	Free Text Max character length of 50 characters	Only entries in the accepted format are valid.	Required when: AWG_Verification_Method = 'DWP Match'	Property/Person
Wall_Guarantee	If an appropriate guarantee was applied	Provide the 8-digit character code for the appropriate guarantee. These codes can be found on the ECO Appropriate Guarantees List on the Ofgem website.	Alphanumeric	AAAAAANN N/A	Only entries in the accepted format are valid.	Required when: Evidence_of_Lifeti	Measure

	for, what is the Ofgem code for that appropriate guarantee?	If the guarantee applied for does not appear on our list, please contact us for a code.				me_for_Wall_Insulation = 'Yes'	
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