

EEMS Guidance – Use and Discharge of Chemicals – summary guidance.

All operational use and discharge of offshore chemicals must be the subject of a permit issued under the Offshore Chemical Regulations (OCR) 2002. It is a condition of all chemical permits that the chemical usage and discharge must be reported to DECC. Chemical use and discharge is covered by DECC permits known as PON15s. There are different categories of PON15s, namely

PON15B – Chemicals used and discharged during drilling operations

PON15C – Chemicals used and discharged in associated with Pipeline activities

PON15D – Chemicals used and discharged associated with Production Operations

PON15E – Chemicals used and discharged during Decommissioning activities

PON15F – Chemicals used and associated with well intervention work

These PON15 permits are issued by DECC through the Oil and Gas Portal. EEMS communicates with the DECC Oil and Gas Portal to ensure that the details are available to enable the necessary return to be made. Therefore, in the majority of cases the data will be pre-populated with the data held in the Oil and Gas Portal, and it is simply the use and discharge data that must be submitted

Production Chemicals (PON15Ds) require quarterly returns whilst the other PONs require that the data is submitted following expiry of the permit.

Zero returns are required.

Environmental Emissions Monitoring System

Production Chemicals (PON15D) Guidance Notes

Please note that all amounts should be quoted in kg. No other unit of measure is acceptable. It is recognised that not all chemicals are supplied as a solid. Nevertheless, amounts of such chemicals must be quoted in kg. As an aid for conversion the following conversion factors can be applied to convert to kilogrammes:

1 x gallon (US) = 3.79 kilogramme

1 x gallon (Imperial) = 4.54 kilogramme

1 x litre = 1.0 kilogramme

1 x barrel = 158.98 kilogramme

Each conversion constants assumes a specific gravity of 1.0.

This form reports all chemicals used against applied production permits (PON15Ds). These include production, well service and utilities chemical usage. This form must be submitted quarterly for relevant installations. Quarter 1 returns must be made by 1 June, Quarter 2 returns must be submitted by 1 September, Quarter 3 returns must be made by 1 December and Quarter 4 returns must be made by 1 March of the following year.

Operational Details

Operator	The unique name of the operating company responsible for activity.	Mandatory
Installation	The unique name of the Installation from which the chemicals were discharged.	Mandatory
Chemical Permit	The PON15D chemical permit reference number.	Mandatory
Quarter	The quarter for the submission e.g. 2010-Q1.	Mandatory

Chemicals

DTI Id	The unique identifier of the chemical. This is the unique identifier issued by CEFAS. This Id provides an unambiguous identifier for the chemical, even if manufacturer and chemical name subsequently change.	Mandatory
Manufacturer	Name of the supplier or manufacturer of the chemical as it appears in the chemical permit application.	Mandatory
Chemical Name	Name, number or identifier of chemical, as it appears in the chemical permit application.	Mandatory
Function Group	Function group as it appears in the chemical permit application.	Mandatory
Chemical Label	Chemical labels or warnings are detailed in the product templates. In all cases, the labels used for the returns must be the same as those used in the chemical permit application.	Optional
HQ/OCNS	The HQ banding, e.g. Gold, Silver, White etc. Where there is no HQ banding, the	Mandatory

Ranking	OCNS group e.g. Category E, D, C, etc. are to be used. In all cases, the rankings used for the returns must be the same as those used in the chemical permit application	
Amount Used	Weight of chemical used. Note this is not necessarily the amount of chemical supplied offshore. A simple method to calculate the amount used = amount supplied – (amount back- loaded + current stocks). Unit of measure=kilogramme; No. decimal places=3; Minimum=0.000; Maximum=40,000,000; Format=##,###,##0.000	Mandatory
Amount Discharged	Weight of chemical discharged from installation to the sea. Unit of measure=kilogramme; No. decimal places=3; Minimum=0.000; Maximum=5,000,000.000; Format=#,###,##0.000	Mandatory
Comments	This column can be used to describe how the amount discharged was arrived at, i.e. measured or estimated or calculated and on what basis. If it was calculated, the actual method of calculation should be provided. Any other pertinent information should also be entered in this column	Optional

Notes

- When a report is first created it will automatically be populated with the chemicals as they appear in the chemical permit application.
- For drilling brines, please give the weight of salt used in the brine make up - not the liquid volume of brine.
- The format for measured fields indicates the maximum number of digits before and after the decimal point. 0s are used to show the minimum digits to enter and #s to show optional digits before the decimal point.

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Well Chemical Term Permit (PON15B and PON15F) Guidance Notes

All operational use and discharge of offshore chemicals must be the subject of a permit issued under the Offshore Chemical Regulations (OCR) 2002. It is a condition of all chemical permits that the chemical usage and discharge must be reported to DECC. This guidance describes the data requirements and format for the reporting of chemical usage and discharge from offshore activities that are the subject of well chemical term permits.

The purpose of this guidance is to provide brief, and easy to use, instructions summarising the data entry requirements for each field. All reporting of chemicals should be in accordance with "GUIDELINES FOR THE UK REVISED OFFSHORE CHEMICAL NOTIFICATION SCHEME" which can be downloaded from the CEFAS web site at <http://www.cefass.co.uk/ocns>.

Please note that all amounts should be quoted in kg. No other unit of measure is acceptable. It is recognised that not all chemicals are supplied as a solid. Nevertheless, amounts of such chemicals must be quoted in kg. As an aid for conversion the following conversion factors can be applied to convert to kilogrammes:

1 x gallon (US) = 3.79 kilogramme

1 x gallon (Imperial) = 4.54 kilogramme

1 x litre = 1.0 kilogramme

1 x barrel = 158.98 kilogramme

Each conversion constants assumes a specific gravity of 1.0.

This form reports all chemicals used against applied well chemical term permits. These include drilling, work over and cementing chemical usage. This form must be submitted by no later than 28 days after expiry of the permit

Operational Details

Operator	The unique name of the operating company responsible for activity.	Mandatory
Installation	The unique name of the Installation from which the chemicals were discharged.	Mandatory
Well Number	The unique DECC well registration number.	Discretionary
Chemical Permit	The DECC PON15B (drilling permit) or PON15F (well intervention) chemical permit reference number. This is a unique reference number the permit was issued with and against which all submissions are made. Only one report should be submitted against each reference.	Mandatory
Operation	Start date of activities covered by the chemical permit e.g. the spud date. This must	Mandatory

Started	be after the permit start date.	
Operation Completed	Completion date of activities covered by the chemical permit e.g. well completion date. This must be prior to the permit end date.	Mandatory

Chemicals

DTI Id	The unique identifier of the chemical. This is the unique identifier issued by CEFAS. This Id provides an unambiguous identifier for the chemical, even if manufacturer and chemical name subsequently change.	Mandatory
Manufacturer	Name of the supplier or manufacturer of the chemical as it appears in the chemical permit application.	Mandatory
Chemical Name	Name, number or identifier of chemical, as it appears in the chemical permit application.	Mandatory
Function Group	Function group as it appears in the chemical permit application.	Mandatory
Chemical Label	Chemical labels or warnings are detailed in the product templates. In all cases, the labels used for the returns must be the same as those used in the chemical permit application.	Optional
HQ/OCNS Ranking	The HQ banding, e.g. Gold, Silver, White etc. Where there is no HQ banding, the OCNS group e.g. Category E, D, C, etc. are to be used. In all cases, the rankings used for the returns must be the same as those used in the chemical permit application	Mandatory
Amount Used	Weight of chemical used. Note this is not necessarily the amount of chemical supplied offshore. A simple method to calculate the amount used = amount supplied – (amount back- loaded + current stocks). Unit of measure=kilogramme; No. decimal places=3; Minimum=0.000; Maximum=40,000,000; Format=##,###,##0.000	Mandatory
Amount Discharged	Weight of chemical discharged from installation to the sea. Unit of measure=kilogramme; No. decimal places=3; Minimum=0.000; Maximum=5,000,000.000; Format=#,###,##0.000	Mandatory
Comments	This column can be used to describe how the amount discharged was arrived at, i.e. measured or estimated or calculated and on what basis. If it was calculated, the actual method of calculation should be provided. Any other pertinent information should also be entered in this column	Optional

Notes

- When a report is first created it will automatically be populated with the chemicals as they appear in the chemical permit application.
- For drilling brines, please give the weight of salt used in the brine make up - not the liquid volume of brine.
- The format for measured fields indicates the maximum number of digits before and after the decimal point. 0s are used to show the minimum digits to enter and #s to show optional digits before the decimal point.

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Pipeline Chemical Term Permits (PON15C) Guidance Notes

All operational use and discharge of offshore chemicals must be the subject of a permit issued under the Offshore Chemical Regulations (OCR) 2002. It is a condition of all chemical permits that the chemical usage and discharge must be reported to DECC. This guidance describes the data requirements and format for the reporting of chemical usage and discharge from offshore activities that are the subject of pipeline chemical term permits.

The purpose of this guidance is to provide brief, and easy to use, instructions summarising the data entry requirements for each field. All reporting of chemicals should be in accordance with "GUIDELINES FOR THE UK REVISED OFFSHORE CHEMICAL NOTIFICATION SCHEME" which can be downloaded from the CEFAS web site at <http://www.cefass.co.uk/ocns>.

Please note that all amounts should be quoted in kg. No other unit of measure is acceptable. It is recognised that not all chemicals are supplied as a solid. Nevertheless, amounts of such chemicals must be quoted in kg. As an aid for conversion the following conversion factors can be applied to convert to kilogrammes:

1 x gallon (US) = 3.79 kilogramme

1 x gallon (Imperial) = 4.54 kilogramme

1 x litre = 1.0 kilogramme

1 x barrel = 158.98 kilogramme

Each conversion constants assumes a specific gravity of 1.0.

This form reports all chemicals used against applied pipeline chemical term permits and discharges under the Pipeline Work Authorisation Consents. This form must be submitted by no later than 28 days after expiry of the permit.

Operational Details

Add permit ref number

Operator	The unique name of the operating company responsible for activity.	Mandatory
Pipeline Number	The pipeline number as issued by DECC. Where operations cover more than one pipeline please supply the most appropriate number.	Discretionary
Permit	The DECC PON15C (pipeline permit) chemical permit reference number. This is a unique reference number the permit was issued with and against which all submissions are made. Only one report should be submitted against each reference.	Mandatory
Started	Start date of activities covered by the chemical permit e.g. date of linefill with chemicals. This must be after the permit start date.	Mandatory
Completed	Completion date of activities covered by the chemical permit e.g. date of final discharge of chemicals. This must be before the permit end date.	Mandatory
Depth	Depth of discharge in metres in relation to the sea surface e.g. +10m for 10 metres above sea surface and -10m for 10 metres below the sea surface. if the chemical	Mandatory

	sue did not result in any discharge please enter 0 m.	
Latitude - Degrees	The degrees of latitude of the discharge position. All three digits must be supplied as Mandatory is the normal convention e.g.050 deg. The minimum and maximum values are designed to constrain allowed values to the UKCS including West of Shetland. Unit of measure=degrees; No. decimal places=0; Minimum=050; Maximum=070; Format=000	
Latitude - Arcminutes	The arcminutes of latitude of the discharge position. Both digits must be supplied as Mandatory is the normal convention e.g. 09 ' Unit of measure=arcminutes; No. decimal places=0; Minimum=00; Maximum=59; Format=00	
Latitude - Arcseconds	The arcseconds of latitude of the discharge position. Both digits before and all 3 digits after the decimal place must be supplied as is the normal convention e.g. 09.900 " Unit of measure=arcseconds; No. decimal places=3; Minimum=00.000; Maximum=59.999; Format=00.000	Mandatory
Latitude - Direction	The direction of the latitude, East or West.	Mandatory
Longitude - Degrees	The degrees of latitude of the discharge position. All three digits must be supplied as Mandatory is the normal convention e.g. 005 deg. The minimum and maximum values are designed to constrain allowed values to the UKCS including West if Shetland. Unit of measure=degree; No. decimal places=0; Minimum=000; Maximum=010; Format=000	
Longitude - Arcminutes	The arcminutes of latitude of the discharge position. Both digits must be supplied as Mandatory is the normal convention e.g 09 ' Unit of measure=arcminutes; No. decimal places=0; Minimum=00; Maximum=59; Format=00	Mandatory
Longitude - Arcseconds	The arcseconds of latitude of the discharge position. Both digits before and all 3 digits after the decimal place must be supplied as is the normal convention e.g 099.00 " Unit of measure=arcseconds; No. decimal places=0; Minimum=00.000; Maximum=59.999; Format=00.000	Mandatory
Longitude - Direction	The direction of the longitude. For the UKCS only North is applicable.	Mandatory

Chemicals

DTI Id	The unique identifier of the chemical. This is the unique identifier issued by CEFAS. This Id provides an unambiguous identifier for the chemical, even if manufacturer and chemical name subsequently change.	Mandatory
Manufacturer	Name of the supplier or manufacturer of the chemical as it appears in the chemical permit application.	Mandatory
Chemical Name	Name, number or identifier of chemical, as it appears in the chemical permit application.	Mandatory
Function Group	Function group as it appears in the chemical permit application.	Mandatory
Chemical Label	Chemical labels or warnings are detailed in the product templates. In all cases, the labels used for the returns must be the same as those used in the chemical permit	Optional

	application.	
HQ/OCNS Ranking	The HQ banding, e.g. Gold, Silver, White etc. Where there is no HQ banding, the OCNS group e.g. Category E, D, C, etc. are to be used. In all cases, the rankings used for the returns must be the same as those used in the chemical permit application	Mandatory
Amount Used	Weight of chemical used. Note this is not necessarily the amount of chemical supplied offshore. A simple method to calculate the amount used = amount supplied – (amount back- loaded + current stocks).	Mandatory
	Unit of measure=kilogramme; No. decimal places=0; Minimum=0; Maximum=40,000,000; Format=#####0	
Amount Discharged	Weight of chemical discharged from installation to the sea.	Mandatory
	Unit of measure=kilogramme; No. decimal places=0; Minimum=0; Maximum=5,000,000; Format=#####0	
Comments	This column can be used to describe how the amount discharged was arrived at, i.e. measured or estimated or calculated and on what basis. If it was calculated, the actual method of calculation should be provided on a separate sheet. Any other pertinent information should also be entered in this column	Optional

Notes

- When a report is first created it will automatically be populated with the chemicals as they appear in the chemical permit application.
- For drilling brines, please give the weight of salt used in the brine make up - not the liquid volume of brine.
- The format for measured fields indicates the maximum number of digits before and after the decimal point. 0s are used to show the minimum digits to enter and #s to show optional digits before the decimal point.

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Decommissioning Chemical Term Permit (PON15E) Guidance Notes

All operational use and discharge of offshore chemicals must be the subject of a permit issued under the Offshore Chemical Regulations (OCR) 2002. It is a condition of all chemical permits that the chemical usage and discharge must be reported to DECC. This guidance describes the data requirements and format for the reporting of chemical usage and discharge from offshore activities that are the subject of decommissioning chemical term permits.

The purpose of this guidance is to provide brief, and easy to use, instructions summarising the data entry requirements for each field. All reporting of chemicals should be in accordance with "GUIDELINES FOR THE UK REVISED OFFSHORE CHEMICAL NOTIFICATION SCHEME" which can be downloaded from the CEFAS web site at <http://www.cefass.co.uk/ocns>.

Please note that all amounts should be quoted in kg. No other unit of measure is acceptable. It is recognised that not all chemicals are supplied as a solid. Nevertheless, amounts of such chemicals must be quoted in kg. As an aid for conversion the following conversion factors can be applied to convert to kilogrammes:

1 x gallon (US) = 3.79 kilogramme

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1 x litre = 1.0 kilogramme

1 x barrel = 158.98 kilogramme

Each conversion constants assumes a specific gravity of 1.0.

This form reports all chemicals used against applied decommissioning term permits. This form must be submitted within 28 days of the expiry of the permit.

Operational Details

Operator	The unique name of the operating company responsible for activity.	Mandatory
Installation	The unique name of the installation, facility or pipeline being decommissioned.	Mandatory
Permit	The DECC PON15E (decommissioning permit) chemical permit reference number. This is a unique reference number the permit was issued with and against which all submissions are made. Only one report should be submitted against each reference.	Mandatory
Started	Start date of activities covered by the chemical permit e.g. date of chemical use. This must be after the permit start date..	Mandatory
Completed	The completion date of activities covered by the chemical permit e.g. date of chemical discharge.	Mandatory

Chemicals

DTI Id	The unique identifier of the chemical. This is the unique identifier issued by CEFAS. This Id provides an unambiguous identifier for the chemical, even if manufacturer and chemical name subsequently change.	Mandatory
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Manufacturer	Name of the supplier or manufacturer of the chemical as it appears in the chemical permit application.	Mandatory
Chemical Name	Name, number or identifier of chemical, as it appears in the chemical permit application.	Mandatory
Function Group	Function group as it appears in the chemical permit application.	Mandatory
Chemical Label	Chemical labels or warnings are detailed in the product templates. In all cases, the labels used for the returns must be the same as those used in the chemical permit application.	Optional
HQ/OCNS Ranking	The HQ banding, e.g. Gold, Silver, White etc. Where there is no HQ banding, the OCNS group e.g. Category E, D, C, etc. are to be used. In all cases, the rankings used for the returns must be the same as those used in the chemical permit application	Mandatory
Amount Used	Weight of chemical used. Note this is not necessarily the amount of chemical supplied offshore. A simple method to calculate the amount used = amount supplied – (amount back- loaded + current stocks). Unit of measure=kilogramme; No. decimal places=0; Minimum=0; Maximum=40,000,000; Format=#####0	Mandatory
Amount Discharged	Weight of chemical discharged from installation to the sea. Unit of measure=kilogramme; No. decimal places=0; Minimum=0; Maximum=5,000,000; Format=#####0	Mandatory
Comments	This column can be used to describe how the amount discharged was arrived at, i.e. measured or estimated or calculated and on what basis. If it was calculated, the actual method of calculation should be provided on a separate sheet. Any other pertinent information should also be entered in this column	Optional

Notes

- When a report is first created it will automatically be populated with the chemicals as they appear in the chemical permit application.
- For drilling brines, please give the weight of salt used in the brine make up - not the liquid volume of brine.
- The format for measured fields indicates the maximum number of digits before and after the decimal point. 0s are used to show the minimum digits to enter and #s to show optional digits before the decimal point.