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40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciproca
§63.6650(h)(3) and (i) Spreadsheet Template

Instructions for Spreadsheet Template

Purpose:
This spreadsheet template was designed by the U.S. EPA to facilitate Semiannual and annual reporting for facilities subject under the 40 C
Pollutants for Stationary Reciprocating Internal Combustion Engines

Electronic reporting:
Electronic submission of Semiannual and Annual Reports through the EPA's Compliance and Emissions Data Reporting Interface (CEDRI) is
Central Data Exchange (https://cdx.epa.gov).

The CEDRI spreadsheet template upload feature allows you to submit data in a single report for a single facility or multiple facilities, as
each company must be entered into the worksheet labeled *Company Information* **and** *Engine Information* **in this Excel workbook. Eac**
company. The Company Record No. will be used to match the information on each worksheet to the appropriate company. The Engine
specific engine.

For each facility record found in the "Company Information" worksheet, you may reference a single file attachment that includes additiona

IMPORTANT: The spreadsheet must be uploaded into CEDRI as a single ZIP file, which must include this Excel workbook and any related at
file found in the "Company Information" worksheet).

Note: If you are uploading file attachments for your report, the uploaded files may be in any format (e.g., zip, docx, PDF). If you would like
into a separate ZIP file to the master ZIP file that will be uploaded into CEDRI.

Once all data have been entered in the worksheet, combine this Excel workbook and all attachment files (including any ZIP file containing

Please ensure your report includes all of the required data elements found in the listed citations below for this spreadsheet upload submis

Do not submit information you claim as confidential business information (CBI) to EPA via CEDRI. EPA will make all the information submit
to you. Anything submitted using CEDRI cannot later be claimed to be CBI. Furthermore, under CAA section 114(c) emissions data is not er
available to the public. Thus, emissions data will not be protected as CBI and will be made publicly available.

Although we do not expect persons to assert a claim of CBI, if persons wish to assert a CBI claim, you must submit the report via CEDRI wit
claimed to be CBI, to EPA. The preferred method is to be received electronically using email attachments, File trasfer Protocol, or other on
the OAQPS CBI Office at the email address oaqpscbi@epa.gov, and as described above, should include clear CBI markings and be flagged t
If assistance is needed with submitting large electronic files that exceed the file size limit for email attachments, and if you do not have you
transfer link. If you cannot transmit the file electronically, you may send CBI information through the postal service to the following addre
OAQPS Document Control Officer (C404-02)
Attention: Reciprocating Internal Combustion Engine Sector Lead
OAQPS, U.S. Environmental Protection Agency
109 T.W. Alexander Drive, P.O. Box 12088
Research Triangle Park, North Carolina 27711

You must mark the outside of the digital storage media as CBI and then cally within the digital storage media the specific
referencing federal regulation.

Template Navigation and Tabs to Complete:
Gray Tabs (Complete first): The gray tabs (*Company Information*, *Engine Information*) contain general information that is likely to be most
operating time of the sources over the reporting period, which must be updated with each report. After completing the gray tabs, the wor
to limit subsequent data entry. Once selections are made inthe Engine Information tab as to what reporting provisions apply, other tabs v

Colored Tabs: Colored tabs are completed as necessary for the facility, not all tabs are required for a particular engine type, and only thos
displayed through a macro that must be enabled (Enable Content if a yellow bar is diplayeed at teh top). If you cannot enable the macros,
and selecting Unhide.

For engines reporting deviations according to §63.6650(d) (deviations where the engine is not using a CMS), select §63.6650(d) in Column
of Changes tabs and also the light red *Non CMS Deviation* tab will appear in order to be completed. On the *Malfunctions* tab, the detailed
required, and only Columns B, C, H, I and J are required.

For engines complying with §63.6650(e), select §63.6650(e) in Column K of the *Engine Information* tab and the grey *Malfunctions*, *Number*
Description, *CMS Detail*, *CMS Summary*, *CMS Deviation Detail*, and *CMS Deviation Summary* tabs will appear in order to be completed. The
entries in the respective Detail tabs. Please review these tabs for accuracy. On the *Malfunctions* tab, all information required, however, fo
Deviations tab, and Column I on the *Malfunctions* tab may be left blank.

For engines complying with §63.6650(g), select Yes in Column L of the *Engine Information* tab and the light blue *Landfill Digester Gas* and *

For engines complying with §63.6650(h), select Yes in column M of the *Engine Information* and the purple *Non-emergency Use* and *Fuel Re*

 Some cells are linked to previous tabs or are calculations dependent upon data entry.

The statement of truth accuracy and completeness required by §63.7751(b)(2) is completed in the certifcation step within CEDRI.

Within the tabs, example rows are colored light red (rows 14 through 23), and the XML tags (row 13) are colored green. These rows are lo

Company Record No. (Field value will automatically generate once Company Name is added in Column C.)	Company Name (§§63.6650(c)(1) and (h)(1)(i))	Address Where the Engine Is Located (§§63.6650(c)(1) and (h)(1)(i))
RecordId	CompanyName	AddressLine1
e.g.: 1	e.g.: ABC Company	e.g.: 123 Main Street

COMPANY INFORMATION

Address 2 (§§63.6650(c)(1) and (h)(1)(i))	City (§§63.6650(c)(1) and (h)(1)(i))	County (§§63.6650(c)(1) and (h)(1)(i))	State Abbreviation (§§63.6650(c)(1) and (h)(1)(i)) (Select from dropdown)
AddressLine2	CityName	CountyName	StateName
e.g.: Suite 100	e.g.: Brooklyn	e.g.: Kings	e.g.: NY

		REPORTING INFORMATION	
Zip Code (§§63.6650(c)(1) and (h)(1)(i))	Responsible Agency Facility ID (State Facility Identifier)	Beginning Date of Reporting Period (§63.6650(c)(3) and (h)(1)(ii))	Ending Date of Reporting Period (§63.6650(c)(3) and (h)(1)(ii))
ZIPCode	StateFacID	PeriodStartDate	PeriodEndDate
e.g.: 11221	e.g.:	e.g.: 01/01/2020	e.g.: 06/30/2020

Does the statement "There were no deviations from any emission or operating limitations during the reporting period" apply to this facility? (§63.6650(c)(5)) (Select from dropdown)	Does the statement "There were no periods during which the CMS was out-of-control during the reporting period" apply to this facility? (§63.6650(c)(6)) (Select from dropdown)
DeviationFlag	CMSFlag
e.g.: Yes	e.g.: Not Applicable

ADDITIONAL INFORMATION
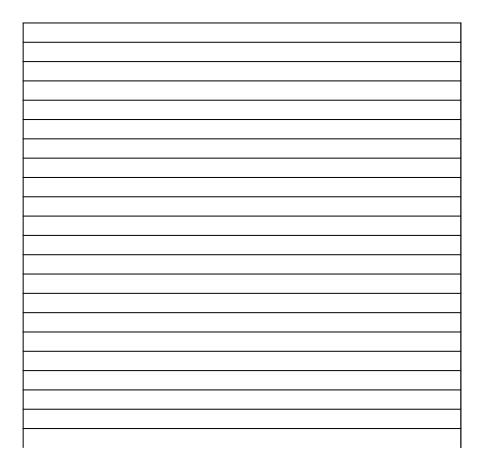
Please enter any additional information

AddInfo
e.g.:
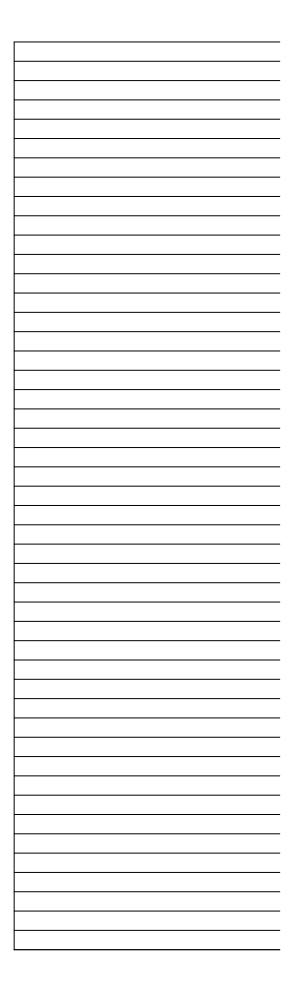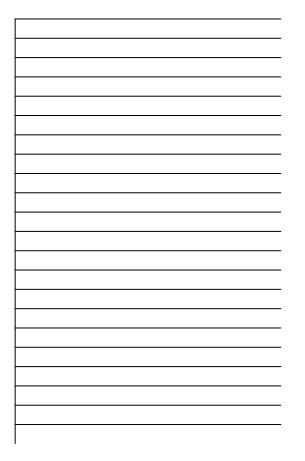
Enter associated file name reference.

AddFile
e.g.: addfile.zip

Engine Record No. (Autocompleted once Column C filled)	Company Record No. (Select from dropdown)	Engine Type (§63.6650(c)(7) and (h)(1)(iii))	Engine Site Rating (Brake Horsepower) (§63.6650(c)(7) and (h)(1)(iii))
EngineId	RecordId	EngineDescription	EngineRating
e.g.: 1	e.g.: 1	e.g.: SI 2SLB	e.g.: 100

Year Construction Commenced (§63.6650(c)(7) and (h)(1)(iii))	Latitude of the Engine in Decimal Degrees (at least five decimal places) (§63.6650(c)(8) and (h)(1)(iv))	Longitude of the Engine (at least five decimal places) (§63.6650(c)(8) and (h)(1)(iv))	Due to national security considerations, the exact latitude and longitude are not contained in this report (§63.6650(c)(9)) (Select from dropdown)
EngineYear	EngineLatitude	EngineLongitude	NatSec
e.g.: 2020	e.g.: 12.12345	e.g.: -12.12345	e.g.: Not Applicable

This engine is reporting deviations under either §63.6650(d) or §63.6650(e) (Select from dropdown)	Total Operating Time of Engine During Reporting Period (Required when there is a deviation) (hours) (§63.6650(d)(1) and (e)(13))	Identification of Each Parameter and Pollutant Monitored (Required when there is a deviation) (§63.6650(e)(8))	This engine fires 10% or more of the annual gross heat input from landfill gas or Digester Gas and is subject to the §63.6650(g) (Select from dropdown)
DeviationToggle	OperatingTime	ParametersMonitored	LandfillDigesterToggle
e.g.: §63.6650(d)	e.g.: 610	e.g.: Temperature, Carbon Monoxide	e.g.: Yes

This engine is subject to the reporting provisions of §63.6650(h) (Select from dropdown)	Did you use this engine for the purpose specified in §63.6640(f)(4)(ii): 50 hours per year for non-emergency situations? (§63.6650(h)) (Select from dropdown)	Were there deviations from the fuel requirements in §63.6604? (§63.6650(h)(1)(viii)) (Select from dropdown)
EmergencyToggle	NonEmergencyFlag	DeviationFlag
e.g.: No	e.g.: Yes	e.g.: No

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Revision Number	Date
1.00	2/1/2016
1.01	3/14/2019
2.00	3/27/2020
2.01	5/12/2020
3.00	8/10/2020
4.00	1/22/2021
4.01	3/1/2021
4.02	3/20/2023
4.03	3/20/2023
4.04	12/6/2023
4.05	4/9/2024
ICR Draft (Future v5)	9/9/2022
5.00	8/26/2024

onal Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines:
Template

Revisions
Initial Release Version
Updated the State dropdown to include VI, PR, AS, MP, and GU. Added the CBI Disclaimer to Welcome worksheet
Added hidden mapping sheet and hidden column A to accommodate CEDRI EXCEL JSON Parser.
Updated CBI Disclaimer.
Updated XML tags on hidden columns in Engine Information, Hid rows 15-23 for data entry on Fuel Req. Deviation; Update duplicate XML tags; renamed template name
Removed hidden columns found on the Engine Information tab: columns I through L due to issues with parsing data eleme without XML tags; updated instructions/headers on data entry tabs
Updated sheet formatting and list formatting, added rule citations
Added header to Revisions tab, Updated data validation on Engine Information tab to all entry of dates older than 1950
Revised the Welcome tab, forgot to revise the report name when making the 4.02 revision.
Revised the Engine Information tab, revised the example for the last column, row 14 to "Yes"
Revised the welcome tab
Incorporated Emergency Demand Response and Voltage Frequency Deviation into file. Added reporting for 63.6650(d), (e) (g) reporting. Revised some formatting for consistency and appearance. Added PRA information to Welcome, added head rows to Revisions, Removed Number of Malfunctions tab and Number of Malfunctions column from Malfunctions tab, up citations for Malfunctions
Welcome: updated CBI submittal language and address; Engine Information: Added not Applicable option to Column O, Expanded instructions for colored tabs, Moved the Deviation reporting indicator column (formerly column K) to Column I position so deviation indication would be before columns only required when there is a deviation, Inserted column to indi when latitude and longitude are witheld for national security. elimiated references to 63.6650(g)(3) through (7) throughou

Worksheet Name	Parent	JSON Key	Parent Primary Key
Company Information		records	
Engine Information	records	EngineInformation	RecordId
CMS Description	EngineInformation	CMSDescription	EngineId
Malfunctions	EngineInformation	Malfunctions	EngineId
Non CMS Deviation	EngineInformation	NonCMSDeviation	EngineId
CMS Detail	EngineInformation	CMSDetail	EngineId
CMS Summary	EngineInformation	CMSSummary	EngineId
CMS Deviation Detail	EngineInformation	CMSDeviationDetail	EngineId
CMS Deviation Summary	EngineInformation	CMSDeviationSumm	EngineId
Description of Changes	EngineInformation	DescriptionofChange	EngineId
Non-emergency Use	EngineInformation	NonemergencyUse	EngineId
Fuel Req. Deviation	EngineInformation	FuelReqDeviation	EngineId
Landfill Digester Gas	EngineInformation	LandfillDigesterGas	EngineId
Landfill Digester Gas Deviation	EngineInformation	LandfillDigesterGasD	EngineId

Child Foreign Key

RecordId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId
EngineId