




**Validation report form for post-registration changes for  
CDM project activities  
(Version 03.0)**

*Complete this form in accordance with the instructions attached at the end of this form.*

**BASIC INFORMATION**

<b>Title and UNFCCC reference number of the project activity</b>	Modelo del Callao Landfill Gas Capture and Flaring System UNFCCC ref. no: 5619
<b>Process track</b>	<input type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input checked="" type="checkbox"/> Renewal of crediting period
<b>Version number of the validation report</b>	1
<b>Completion date of the validation report</b>	30/09/2020
<b>Type(s) of PRCs</b>	<input type="checkbox"/> Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents <sup>1</sup> <input type="checkbox"/> Corrections <input type="checkbox"/> Changes to the start date of the crediting period <input type="checkbox"/> Inclusion of a monitoring plan <input type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents <input checked="" type="checkbox"/> Changes to the project design <input type="checkbox"/> Changes specific to afforestation and reforestation project activities
<b>Version number of PDD to which this report applies</b>	7
<b>Project participants</b>	PETRAMAS S.A.C.
<b>Host Party</b>	Peru
<b>Applied methodologies and standardized baselines</b>	ACM0001: Flaring or use of landfill gas --- Version 19.0
<b>Mandatory sectoral scopes</b>	Sectoral Scopes: 13.-Waste handling and disposal; and 1.-Energy industries (renewable-/ non-renewable sources)

<sup>1</sup> Other standards, methodologies, methodological tools and guidelines (to be) applied in accordance with the applied(selected) methodologies are collectively referred to as the other (applied) methodological regulatory documents).

<b>Conditional sectoral scopes, if applicable</b>	-
<b>Name and UNFCCC reference number of the DOE</b>	AENOR INTERNACIONAL, S.A.U. UNFCCC ref. no: E-0021
<b>Name, position and signature of the approver of the validation report</b>	Jose Luis FUENTES PEREZ Climate change manager 

**SECTION A. Executive summary**

&gt;&gt;

PETRAMAS S.A.C.(hereinafter project participant) has commissioned AENOR to validate the renewal of project activity period of “Modelo del Callao Landfill Gas Capture and Flaring System”. During the validation, PP informed to the DOE that a new component has been included in the project activity. PP has installed two LFG engines, with a capacity of 1.2 MW each (total generation capacity of 2.4 MW). Then, PP has defined two phases for the project activity.

- Phase 1: The first phase includes the construction and operation of a landfill gas (LFG) collection and flare system. The purpose of LFG flaring is to safely dispose of the flammable constituents, particularly methane, and to control odour nuisance, health risks and adverse environmental impacts. This phase has involved the investment in a highly efficient landfill gas collection system and the required enclosed flaring equipment.
- Phase 2: Once the LFG flow is proven to be steady (in terms of volume and quality) for the electricity generation, a second project phase would be carried out and a reciprocating engine facility will be installed. This phase would imply the installation of generating equipment that would combust the methane of the LFG in order to produce electricity.

During the first crediting period, the project had been operating under phase 1, it means only by flaring the landfill gas. It is expected that in second crediting period LFG would be used mainly for power generation, with any excess of LFG being flared. The second phase implies the installation of generating equipment that combust the methane of the LFG in order to produce electricity. Produced electricity will be dispatched to the national grid (SEIN).

The objective of the validation process is to have an independent third-party assessment of the project design changes against the applicable CDM requirements. In particular to assess the impact on additionality, scale and project emissions.

The scope of the validation includes the assessment of the revised PDD against applicable additionality and methodological requirements to determine whether actual changes would adversely affect the conclusions of the validation report of the registered PDD with regard to:

- a) The additionality of the registered CDM project activity;
- b) The scale of the registered CDM project activity;
- c) The applicability and application of the applied methodologies;
- d) The compliance of the monitoring plan with the applied methodologies,

According to the methodology, Project Participants may apply the simplified procedures to demonstrate additionality and the PP shall refer to the methodological tool: Positive lists of technologies. Therefore, according to this tool the project activities at new or existing landfills (greenfield or brownfield) are deemed automatically additional, if it is demonstrated that prior to the implementation of the project activities landfill gas (LFG) was only vented and/or flared but not utilized for energy generation. Also, If LFG is used to generate electricity in one or several power plants with a total nameplate capacity that equals or is below 10 MW it is deemed automatically additional.

Validation team confirmed that those changes do not adversely affect the conclusions of the validation report of the registered PDD with regard to the additionality; the scale of the project; the applicability conditions of methodology and tools nor the compliance of monitoring plan.

The validation is not meant to provide any consultancy services to the Client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the PDD

The validation was performed through means of the following the requirements of CDM validation and verification standard for project activities, version 02.0, the applied methodology, and relevant CDM rules. The process of the validation included:

- i. Review of data and information;
- ii. Cross checks between information provided in the PDD and information from sources;
- iii. Review the investment analysis (additionality)
- iv. The resolution of outstanding issues;

### **Validation Process**

The project validation assessment for post registration changes aims to be a risk-based approach and is based on the methodology developed in the CDM Validation and Verification Standard, an initiative of Designated and Applicant Entities, which aims to harmonise the approach and quality of all such assessments.

The validation for the renewal of the crediting period began in July 2019 when the PP provided the initial version of the PDD, and was concluded in September 2020, with the submission of the final validation report. The validation was performed in the manner of an audit, where, a desk review of the PDD was undertaken against the latest version of the approved methodology and CDM and other relevant criteria applying to the project.

As a final step of the validation, the validation report and the protocol have to undergo internal quality control by means of a technical review following the procedures of AENOR. The technical reviewer is a competent person from AENOR, independent of the team that carried out the validation of the project activity.

The Project Design Document submitted by the PP was reviewed against the approved methodology and against CDM and other relevant criteria. Additional background documents related to the project design, rules and regulations issued by the government and baseline were also validated.

The project participant was requested to address all validation findings and finally provided the validation team with sufficient evidence to determine that the applicable CDM requirements have been met. The project participant modified the initial updated PDD to resolve the validation team concerns and resubmitted a final version of the updated PDD. AENOR has prepared this report based on the final updated PDD.

All Corrective Action Requests (CAR) and Clarification Actions (CL) have been checked by the validation team and have been adequately resolved. All the validation findings are summarized in section C.5 below and documented in more detail in Appendix 4.

In AENOR's opinion the post registration correctly applies and meets the relevant UNFCCC requirements for the CDM project activities and the relevant host country criteria.

**SECTION B. Validation team, technical reviewer and approver**

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**B.1. Validation team member**

N o.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk/document review	On-site inspection	Interviews	Validation findings
1.	Team Leader	IR	Gonzales Toledo	Richard Daniel	AENOR PERU	Yes	Yes	Yes	Yes

**B.2. Technical reviewer and approver of the validation report on PRCs**

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	IR	Arribas Alonso	Luis Javier	AENOR
2	Approver	IR	Fuentes Perez	José Luis	AENOR

**SECTION C. Means of validation****C.1. Desk/document review**

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For validating the post registration changes, audit team reviewed:

- CDM validation and verification standard for project activities, version 02.0 /1/
- CDM project standard for project activities, version 02.0 /2/
- CDM project cycle procedure for project activities, version 02.0 /3/
- ACM0001: Flaring or use of landfill gas --- Version 19.0 /4/
- Methodological tool: Positive lists of technologies, version 02.0 /5/
- Registered PDD, version 6 /6/
- Modelo del Callao Landfill Gas Capture and Flaring System - CDM PDD, version 7 /7/
- Modelo del Callao Landfill Gas Capture and Flaring System - CDM PDD, versión 7, track changes /8/
- Authorization from Callao Municipality /9/
- MINEM Electric generation concession /10/
- OSINERMGIN Technical report for Callao power plant /11/
- Nameplate capacity of engine generators /12/

**C.2. On-site inspection**

On-site inspection was performed on 28 August 2019.

Duration of on-site inspection: 28/08/2019 to 28/08/2019				
No.	Activity performed on-site	Site location	Date	Team member
1.	<ul style="list-style-type: none"> <li>• Local permits</li> <li>• Changes in local regulation</li> <li>• Status of project activity</li> <li>• PDD updates</li> <li>• Project design</li> </ul>	Project site	28/08/2019	Richard Daniel Gonzales Toledo

	<ul style="list-style-type: none"> <li>• Technology, capacity of the project, auxiliary power units, etc.</li> <li>• Monitoring System.</li> <li>• Changes of project design</li> <li>• Recording of Monitoring data</li> </ul>			
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**C.3. Interviews**

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Melendez	Adamo	PETRAMAS/C hief of CDM	28/08/2019	<ul style="list-style-type: none"> <li>• Local permits</li> <li>• Changes in local regulation</li> <li>• Status of project activity</li> <li>• PDD updates</li> <li>• Project design</li> <li>• Changes of project design</li> </ul>	Richard Daniel Gonzales Toledo
2.	Ramirez	Santiago	PETRAMAS/C hief of Power plant	28/08/2019	<ul style="list-style-type: none"> <li>• Project design</li> <li>• Technology, capacity of the project, auxiliary power units, etc.</li> <li>• Monitoring System</li> <li>• Monitoring systems</li> <li>Recording of Monitoring data</li> </ul>	Richard Daniel Gonzales Toledo
3	Garcilazo	Ivan	PETRAMAS/S upervisor	28/08/2019	<ul style="list-style-type: none"> <li>• Project design</li> <li>• Technology, capacity of the project, auxiliary power units, etc.</li> <li>• Monitoring System</li> <li>• Monitoring systems</li> <li>Recording of Monitoring data</li> </ul>	Richard Daniel Gonzales Toledo

**C.4. Sampling approach**

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N/A

**C.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised**

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with PDD form	-	-	-
Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents	-	-	-
Corrections	-	-	-
Changes to the start date of the crediting period	-	-	-
Inclusion of a monitoring plan	-	-	-
Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents	-	-	-

Changes to the project design	-	<b>CAR 1</b>	-
Changes specific to afforestation and reforestation project activities	-	-	-
Others (please specify)	-	-	-
<b>Total</b>	<b>-</b>	<b>1</b>	<b>-</b>

## SECTION D. Validation findings

### D.1. Compliance with PDD form

<b>Means of validation</b>	The compliance of the PDD with the valid version of the form was checked through desk-review of last version of the PDD (version 7) /7/, last version of applicable form, which includes in its attachment the instructions for filling out it, CDM rules and references and supported documents provided by the project participants.
<b>Findings</b>	No findings were found regarding this issue.
<b>Conclusion</b>	<p>The PDD was completed in the version 11.0 of the form, latest version valid.</p> <p>The audit team checked that the information transferred to the later valid version of the PDD is materially the same as that in the registered PDD, except for the relevant sections, which were updated in accordance with the relevant requirements in the Project standard (sections of the PDD relating to the baseline, estimated GHG emission reductions or net anthropogenic GHG removals, the monitoring plan and the crediting period using a baseline and monitoring methodology).</p> <p>In AENOR's opinion the final version of the PDD has been completed using the latest version of the applicable form and has followed the instructions for filling out attached at the end of the form.</p>

### D.2. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents

<b>Means of validation</b>	N/A
<b>Findings</b>	N/A
<b>Conclusion</b>	N/A

### D.3. Corrections

<b>Means of validation</b>	N/A
<b>Findings</b>	N/A
<b>Conclusion</b>	N/A

### D.4. Changes to the start date of the crediting period

<b>Means of validation</b>	N/A
<b>Findings</b>	N/A
<b>Conclusion</b>	N/A

### D.5. Inclusion of a monitoring plan

<b>Means of validation</b>	N/A
<b>Findings</b>	N/A
<b>Conclusion</b>	N/A

### D.6. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents

<b>Means of validation</b>	N/A
<b>Findings</b>	N/A
<b>Conclusion</b>	N/A

**D.7. Changes to the project design**

<b>Means of validation</b>	<p>During the validation, PP informed to the DOE that a new component has been included in the project activity, which involves the inclusion of two LFG engines, with a capacity of 1.2 MW each (total generation capacity of 2.4 MW). Then, PP has defined two phases for the project activity.</p> <p>Phase 1: The first phase includes the construction and operation of a landfill gas (LFG) collection and flare system. The purpose of LFG flaring is to safely dispose of the flammable constituents, particularly methane, and to control odour nuisance, health risks and adverse environmental impacts. This phase has involved the investment in a highly efficient landfill gas collection system and the required enclosed flaring equipment.</p> <p>Phase 2: Once the LFG flow is proven to be steady (in terms of volume and quality) for the electricity generation, a second project phase would be carried out and a reciprocating engine facility will be installed. This phase would imply the installation of generating equipment that would combust the methane of the LFG in order to produce electricity.</p> <p>During the first crediting period, the project had been operating under phase 1, it means only by flaring the landfill gas. It is expected that in second crediting period LFG would be used mainly for power generation, with any excess of LFG being flared. The second phase implies the installation of generating equipment that combust the methane of the LFG in order to produce electricity. Produced electricity will be dispatched to the national grid (SEIN).</p> <p>In order to confirm that the additionality has not been affected by described changes, validation team reviewed registered PDD /6/ and applied methodology (ACM0001); According to the Methodology ACM0001, project participants may apply the simplified procedures to demonstrate additionality and the PP shall refer to the methodological tool: Positive lists of technologies. Therefore, according to this tool the project activities at new or existing landfills (greenfield or brownfield) are deemed automatically additional, if it is demonstrated that prior to the implementation of the project activities landfill gas (LFG) was only vented and/or flared but not utilized for energy generation. Also, If LFG is used to generate electricity in one or several power plants with a total nameplate capacity that equals or is below 10 MW it is deemed automatically additional.</p> <p>Accordance to registered PDD, the Project aims to reduce methane (CH<sub>4</sub>) emissions by flaring LFG and the component added to generate electricity are less than 10 MW. Therefore, the project activity it is deemed automatically additional as per ACM0001 and positive list tool.</p> <p>Validation team confirmed the installed capacity (2.4 MW) by checking nameplate capacity of engine generators /12/; municipal authorization /9/; MINEM Electric generation concession /10/ and OSINERMGIN Technical report for Callao power plant /11/.</p> <p>The DOE by means of an on-site inspection and review of the submitted revised PDD by the project participants that describes the nature and extent of the actual changes, determine that updated description in the revised PDD accurately reflects the implementation, operation and monitoring of the modified CDM project activity.</p>
<b>Findings</b>	A corrective action request was raised reading this issue (CAR 1). All information regarding the findings are detailed in appendix 4.
<b>Conclusion</b>	The review of the revised documentation and the subsequent follow-up interviews has provided to AENOR sufficient evidence to determine the fulfilment of all stated criteria. Then, in accordance to paragraph 309 of VVS, validation team is able to confirm:



	<p>a) PP has updated all related information regarding the actual changes in the final version of the PDD. Validation team considers that previous and updated version of the PDD are materially the same and only parameters related to changes in the project design and those related to electricity generation component are different from previous version. In opinion of AENOR, the proposed changes comply with relevant requirements in the CDM PS for PA related to changes to the project design of a registered PDD.</p> <p>b) The reasons for these changes taking place were that biogas flow capacity was evaluated as adequate to generate electricity continuously and the promotion of the Ministry of Energy and Mines through the renewable energy auction for renewable energy projects. The considered date for the implementation changes is 01/06/2018 when the supervisory body of investment in energy and mining (OSINGERMIN) reported electricity generation from project activity. Due to the fact that the flow of a sanitary landfill was difficult to pre-establish, until the CDM Callao began operation in 2012, it was not possible to verify that there was capacity to generate electricity continuously until, in 2015, once the project was registered, it was formally decided to start the procedures for electricity generation. In opinion of AENOR, these assumptions and data are reliable and consistent with evidence provided, then accepted. All these changes have been addressed by PPs in the PDD appropriately and its impact in the operation of the project and ability to deliver ER. In addition, the revised estimation of ER due to changes take into account the limits in accordance with the project standard for project activities.</p> <p>c) Requested changes do not adversely affect the conclusions of the validation report of the registered PDD with regard to the additionality; the boundary; the scale of project (the project remains as large scale); the applicability condition of the methodology nor the compliance of monitoring plan;</p> <p>Furthermore, in accordance to paragraph 310 of VVS, after reviewing revised PDD containing the actual changes and all supporting evidences, validation team confirms that:</p> <p>a) The level of accuracy and completeness in the monitoring and verification process is not reduced as a result of the revision. Validation team reviewed provided evidences and contrasted all information objectively and assessed the accuracy and completeness of all changes. The compliance with the monitoring plan is also satisfied. The monitoring parameters were updated in the revised PDD. The information is consistent in revised PDD and applicable methodologies and tools.</p> <p>b) The proposed revisions comply with all requirements of applied methodology and tools as demonstrated in the updated PDD and correctly justified by PPs.</p> <p>c) The web page of UNFCCC was verified, to check if any verification has been performed in order to take into account the findings in the last verification. However, PP has no requested a verification during the first crediting period.</p>

#### D.8. Changes specific to afforestation and reforestation project activities

Means of validation	N/A
Findings	N/A
Conclusion	N/A

**SECTION E. Internal quality control**

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Following the completion of the assessment process by the validation team, all documentation undergoes an internal quality control through a technical review before submission to the CDM-EB. The Technical reviewer is a qualified member of AENOR, independent from the team that carried out the validation of the project activity. The technical reviewer or the team appointed for the technical review are qualified in the technical area(s) and sectoral scope(s) of the project activity.

**SECTION F. Validation opinion**

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AENOR has performed the validation of the post registration changes, during the validation of renewal crediting period of the project activity “Modelo del Callao Landfill Gas Capture and Flaring System” in Perú. The validation of post registration changes was performed on the basis of UNFCCC criteria for the Clean Development Mechanism and host country criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

The validation consisted of the following four phases: i) Review of data and information; ii) Cross checks between information provided in the PDD and information from sources; iii) Review the investment analysis (additionality); iv) the resolution of outstanding issues and the issuance of the final validation report and opinion. In the course of the validation process, 2 corrective actions and 1 clarification were raised; all have been successfully closed.

AENOR has performed the validation of the proposed changes according to the approved methodology “ACM0001 (Version 19): “Large-scale Consolidated Methodology Flaring or use of landfill gas; CDM validation and verification standard for project activities, version 02.0; CDM project standard for project activities, version 02.0 and CMD project cycle procedure for project activities, version 02.0

AENOR planned and performed its work to obtain the information and explanations considered necessary to provide sufficient evidence to give reasonable assurance that the level of accuracy of GHG emission reductions is not adversely affected. This assessment included:

- Collection of evidence supporting the reported data.
- Checking whether the provisions in the provided documents were consistently and appropriately applied

This assessment opinion is prepared on the basis of the revised PDD and compared with registered PPD, including investment analysis; monitoring plan and emission reduction in order to confirm whether the changes adversely affect the conclusions of the validation report of the registered PDD with regard to:

- The applicability of the methodology;
- The project boundary and any associated leakages due to the changes;
- The compliance of the monitoring plan with the applied methodologies;
- The level of accuracy of the monitoring compared with the requirements contained in the registered monitoring plan;
- The additionality of the registered CDM project activity;
- The scale of the registered CDM project activity.

AENOR confirms that the proposed correction, do not adversely affect to the additionality of the project, the scale of the project, applicability and application of the methodology and other regulatory documents with which the project was registered.

The proposed correction to the project activities neither impact the applicability conditions of the methodology and baseline, nor impact the additionality and the scale of the project and the accuracy is not reduced.

AENOR confirms that the proposed corrections to the registered PDD have been included by the project participants in the revised PDD and comply with the requirements of the Project standard. The corrected information is an accurate reflection of actual project information.

Madrid, 30 September 2020

A handwritten signature in black ink, appearing to read 'R. Gonzales Toledo', with a large, stylized flourish at the end.

Richard Daniel GONZALES TOLEDO  
Team Leader

A handwritten signature in blue ink, appearing to read 'J. Fuentes Perez', with a large, stylized flourish at the end.

Jose Luis FUENTES PEREZ  
Climate change Manager

## Appendix 1. Abbreviations

Abbreviations	Full texts
ACM0001	Large-scale consolidated methodology flaring or use of landfill gas, version 19.0
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CL	Clarification Action
CO <sub>2</sub>	Carbon dioxide
COES	Economic operation committee (dispatch centre)
DECISION 17/CP.7	Modalities and Procedures for a Clean Development Mechanism as Defined in Article 12 of the Kyoto Protocol
DOE	Designated operational Entity
DR	Desk review
GHG	Greenhouse Gasses
MW	Megawatt
MINEM	Ministry of energy and mines from Perú
OM	Operating margin
OSINGERMIN	Supervisory body of investment in energy and mining
PC	CDM project cycle procedure for project activities, Version 02.0
PDD	Project Design Document
PP	Project participant
PS	CDM project standard for project activities, version 02.0
RCP	Renewal of crediting period
tCO <sub>2</sub> e	Carbon dioxide equivalent tonnes
UNFCCC	United Nations Framework Convention on Climate Change
VVS	CDM validation and verification standard for project activities, version 02.0

## Appendix 2. Competence of team members and technical reviewers

### CERTIFICATE OF QUALIFICATION

Subject: Validation and Technical Review Team for “Modelo del Callao Landfill Gas Capture and Flaring System”

Hereby I confirm the following records of qualification, according with AENOR internal instruction “Validation, Verification and Certification of Clean Development Mechanism (CDM) project activities” IE-DTC-039, and in relation with the verification process of the above-mentioned project activity:

Name: Richard Daniel GONZALES TOLEDO

CDM Team Leader: Yes

CDM Validator: Yes

CDM Verifier: N/A

CDM Technical Reviewer: N/A

External Technical Expert: N/A

Technical areas related with the project activity:

Energy industries (renewable - / non-renewable sources) and waste handling and disposal

Madrid, 30/09/2020



**Jose Luis Fuentes**  
Climate change manager

**CERTIFICATE OF QUALIFICATION**

Subject: Validation and Technical Review Team for "Modelo del Callao Landfill Gas Capture and Flaring System"

Hereby I confirm the following records of qualification, according with AENOR internal instruction "Validation, Verification and Certification of Clean Development Mechanism (CDM) project activities" IE-DTC-039, and in relation with the verification process of the above-mentioned project activity:

Name: Luis Javier ARRIBAS ALONSO

CDM Team Leader: N/A

CDM Validator: N/A

CDM Verifier: N/A

CDM Technical Reviewer: Yes

External Technical Expert: N/A

Technical areas related with the project activity:

Energy industries (renewable - / non-renewable sources) and waste handling and disposal

Madrid, 30/09/2020

A handwritten signature in blue ink, appearing to read 'JL Fuentes', is positioned above the name and title of the signatory.

**Jose Luis Fuentes**  
**Climate change manager**

### Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1	UNFCCC	CDM validation and verification standard for project activities,	version 02.0	UNFCCC
2	UNFCCC	CDM project standard for project activities	version 02.0	UNFCCC
3	UNFCCC	CDM project cycle procedure for project activities	version 02.0	UNFCCC
4		ACM0001: Flaring or use of landfill gas	Version 19.0	UNFCCC
5	UNFCCC	Methodological tool: Positive lists of technologies,	version 02.0	UNFCCC
6	PP	Registered PDD,	version 6	PP
7	PP	Modelo del Callao Landfill Gas Capture and Flaring System - CDM PDD,	version 7	PP
8	PP	Modelo del Callao Landfill Gas Capture and Flaring System - CDM PDD, track changes	version 7	PP
9	Peruvian goberment	Authorization from Callao Municipality	-	Callao Municipality
10	MINEM	MINEM Electric generation concession	-	MINEM
11	OSINERMGIN	OSINERMGIN Technical report for Callao power plant	-	PP
12	PP	Nameplate capacity of engine generators	-	PP

## Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. CLs from this validation

CL ID	xx	Section no.	Date: DD/MM/YYYY
<b>Description of CL</b>			
N/A			
<b>Project participant response</b>			<b>Date: DD/MM/YYYY</b>
N/A			
<b>Documentation provided by project participant</b>			
N/A			
<b>DOE assessment</b>			<b>Date: DD/MM/YYYY</b>
N/A			

Table 2. CARs from this validation

CAR ID	01	Section no.	D.6	Date: 22/07/2020
<b>Description of CL</b>				
According to the project standard, version 02 (paragraph 279), PDD must be updated in section relating to the baseline, estimated GHG emission reductions or net anthropogenic GHG removals, the monitoring plan and the crediting period, applying selected methodologies. However, included information regarding project description and additionality are different from registered PDD version 6, dated on 01/06/2015, which is publicly available on UNFCCC website.				
<b>Project participant response</b>				<b>Date: 09/09/2020</b>
<p>The project description and additionality section of the PDD was updated because the project is currently under Phase 2 and 2 power engines have been installed on 01/06/2018 with a total nameplate capacity of 2.4 MW. Section A.3 and B.5 have been updated to indicate that the Phase 2 is currently in operation, including technical specifications and capacity that can be evidenced with the document "Central Electrica Callao_Osinergmin". The total installed capacity is below the 10 MW limit for the automatic additionality as per paragraph 21 in section 5.3.1 of the ACM0001 "Flaring or use of landfill gas" (Version 19.0)</p> <p>A summary of the changes, including the reasons for the changes and any additional information relating to the changes to the PDD has been included in the revised PDD, appendix 7 of the form.</p>				
<b>Documentation provided by project participant</b>				
<p>Updated PDD</p> <p>Electric Plant Callao_Osinergmin</p> <p>Project Compendium-GTE-Operation-october-2018</p> <p>Advance notice of new RER auction</p> <p>PRC justification_PETRAMAS</p>				
<b>DOE assessment</b>				<b>Date: 29/09/2020</b>
Final version of the PDD has been updated in accordance to the project standard. Also, has provide clean and track changes PDD in order to request the port registration changes. Inconsistencies have been eliminated, Then, CAR is closed.				

Table 3. FARs from this validation

FAR ID	xx	Section no.	Date: DD/MM/YYYY
<b>Description of FAR</b>			
N/A			
<b>Project participant response</b>			<b>Date: DD/MM/YYYY</b>
N/A			



Documentation provided by project participant	
N/A	
DOE assessment	Date: DD/MM/YYYY
N/A	