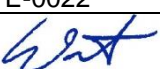




**Validation report form for post-registration changes for
CDM programme of activities
(Version 02.0)**

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

BASIC INFORMATION

Title and UNFCCC reference number of the programme of activities (PoA)	Clean Cook Stoves in Sub-Saharan Africa by ClimateCare Limited : UNFCCC ID: PoA 8438
Process track	<input checked="" type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input type="checkbox"/> Renewal of PoA
Version number of the validation report on PoA PRCs	1.1 TN P-No. : 8000480622/400 - 18/026
Completion date of the validation report on PoA PRCs	05/04/2018
Version number of PoA-DD applicable to this validation report	7.0
Type(s) of PoA PRCs	<input type="checkbox"/> Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines <input checked="" type="checkbox"/> Corrections <input type="checkbox"/> Inclusion of monitoring plan <input checked="" type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other applied standards or tools <input type="checkbox"/> Changes to the programme design <input type="checkbox"/> Changes specific to afforestation and reforestation activities
Coordinating/managing entity	ClimateCare Limited
Host Parties	Kenya, Ghana
Applied methodologies and standardized baselines	AMS-II.G. ver. 04 - Energy efficiency measures in thermal applications of non-renewable biomass
Mandatory sectoral scopes linked to the applied methodologies	3
Conditional sectoral scopes linked to the applied methodologies, if applicable	-
Name and UNFCCC reference number of the DOE	TÜV NORD CERT GmbH E-0022
Name, position and signature of the approver of the validation report on PoA PRCs	 Winter, Rainer

	Final Approval
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SECTION A. Executive summary

ClimateCare Limited has commissioned the TÜV NORD JI/CDM Certification Program (CP) to assess post registration changes of the PoA (UNFCCC Reference: 8438)

“Clean Cook Stoves in Sub-Saharan Africa by ClimateCare Limited”

The changes in the PoA are further reflected in CPA004. The assessment of appropriateness of proposed post registration changes at PoA level and reflecting the same at CPA level is assessed in this report.

Essential data of the project is presented in the following Table 1.

Table 1: Project Characteristics

Item	Data	
Project title	Clean Cook Stoves in Sub-Saharan Africa by ClimateCare Limited	
Project type	<input type="checkbox"/> Standard	<input checked="" type="checkbox"/> PoA
Project size	<input type="checkbox"/> Large Scale	<input checked="" type="checkbox"/> Small Scale
Technical Area(s)	3.1: Energy Demand	
Location	Kenya, Ghana	

For a detailed project description please refer to the registered PoA-DD

SECTION B. Validation team, technical reviewer and approver

On the basis of a competence analysis and individual availabilities an assessment team, consistent of one team leader and team leader is also the team member, were appointed. Furthermore also the personnel for the technical review and the final approval were determined.

The list of involved personnel, the tasks assigned and the qualification status are summarized in the following table below.

B.1. Validation team member

No.	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 review	On-site inspection	Interview(s)	Validation findings
1.	Team Leader	EI	Lubanga	David	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

B.2. Technical reviewer and approver of the validation report on PoA 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/TR	IR	Stefan	Winter	TN CERT GmbH
2.	Observer-TR/OR	EI	Zhao	Xuejiao	-
3.	Technical	IR	Rainer	Winter	TN CERT GmbH

	reviewer/TR Approver				
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SECTION C. Means of validation

C.1. Document review

The *assessment of post registration changes* consisted of the following steps:

- Appointment of team members and technical reviewers
- A desk review of the registered and revised PoA DD^{/PoA-DD/}, Generic CPA DD^{/GCPA-DD-R/}, CPA DD(CPA04)^{/CPA-DD/} submitted by the client and additional supporting documents
- Background investigation and follow-up interviews with personnel of the project developer and its contractors,
- Resolution of corrective actions (CARs / CLs) (if any)
- Final reporting
- Technical review
- Final approval.

The registered as well as the revised PoA-DD and CPA-DDs and supporting background documents related to the project design and the post registration changes were reviewed.

As far as required the assessment team used additional documentation by third parties like host party legislation, technical reports referring to the project design or to the basic conditions and technical data.

A list all documents reviewed or referenced during this validation is presented in Appendix 3. .

C.2. On-site inspection

Duration of on-site inspection: 22/02/2018~23/02/2018				
No.	Activity performed on-site	Site location	Date	Team member
1.	Interviews with CME representatives	ClimateCare Office	22/02/2018	David Lubanga
2.	<ul style="list-style-type: none">• Tour of plant• Interview with Director of Expansion	Burn Manufacturing plant	23/02/2018	
3.	<ul style="list-style-type: none">• Interview with laboratory Technologist• Tour of the testing laboratory• Interview with Research Scientist	KIRDI		

C.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Owino	Tom	ClimateCare /General Manager (IM01)	22/02/2018	<ul style="list-style-type: none"> Project history Implementation plans General Organization and structure Partners Stove pricing Roles and responsibilities 	David Lubanga
2.	Obare	Joash	ClimateCare /Project Development Manager (IM01)	22/02/2018 23/02/2018	<ul style="list-style-type: none"> Local stakeholder consultation process PRC Methodological choices ER calculations Scope of implementation Monitoring Record Keeping 	
3.	McKinney	Chris	Burn Manufacturing/Director of Expansion (IM02)	22/02/2018	<ul style="list-style-type: none"> Stove characteristics Efficiency History Data recording Unique identification and tracking of stoves Planned improvements 	
4.	Bogonko	Nathan	KIRDI/Research Scientist (IM03)	23/02/2018	<ul style="list-style-type: none"> KIRDI accreditation History Scope of work Roles and responsibilities 	
5.	Momanyi	George	KIRDI/Laboratory Technologist (IM03)		<ul style="list-style-type: none"> Stove testing WBT protocol Interpretation of results and report 	

C.4. Clarification requests, corrective action requests and forward action requests raised

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with PoA DD and CPA DD form	0	0	0
Temporary deviations from the registered monitoring plan, applied methodologies or standardized baselines	0	0	0
Corrections	0	0	0
Changes to the start date of the crediting period of component project activity	0	0	0
Inclusion of a monitoring plan	0	0	0
Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other applied standards or tools	0	1	0
Changes to programme or project design	0	0	0
Change of coordinating/managing entity	0	0	0
Others (please specify)	0	0	0
Total	0	1	0

SECTION D. Validation findings**D.1. Compliance with the PoA-DD form**

Means of validation	<p>The project participants used a latest version of the PoA-DD for the revised PoA-DD than the version of the PoA-DD of the registered PoA-DD. By means of checking updated PoA-DD with the latest applicable and available PoA-DD template form the validation team can confirm that the information transferred to the later version of the PoA-DD is materially the same as that in the registered PoA DD besides those changes highlighted and assessed under this report.</p> <p>Further it has been checked whether the latest instructions for filling out the PoA-DD template has been followed. Every section has been checked against the respective guidance.</p> <p>The following sources of information have been used in this context:</p> <ul style="list-style-type: none"> • /PoA-DD/ • /PoA--T/ • /CPA-T/ • /unfccc/
Findings	CAR 01
Conclusion	The updated PoA-DD in tracked-change and clean version is in line with the latest applicable PoA-DD form.

D.2. Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines

Means of validation	Type of change(s):	<input type="checkbox"/>	<i>Temporary Deviation from Monitoring Plan</i>	
		<input type="checkbox"/>	<i>Temporary Deviation from applied Methodologies</i>	
	Description of post registration change			
	Start Date: Please provide the start date of the change	DD/MM/YYYY	End Date: Please provide the end date of the change, if applicable	DD/MM/YYYY
	Description: Please give a detailed description of the change(s)	N/A		
Assessment of post registration change – Temporary deviations from MP or MM				

	Accuracy: Please give a detailed assessment whether the deviation is likely to lead to a reduction in the accuracy of the ER calculation.																			
	Conservative-ness: Please give a detailed assessment whether conservative assumptions or discount factors have been applied to ensure that ER will not be overestimated.																			
	Appendix 2 PS: Check if the changes fall under one of the scenarios of Appendix 2 of the PS for PoA.																			
Findings																				
Conclusion	Based on the above the temporary deviation(s) from the registered monitoring plan, applied monitoring methodology and/or applied standardized baseline are in accordance with applicable validation requirements related to the Temporary deviations from the registered monitoring plan, applied methodologies or standardized baselines in the VVS for PoA.																			
	<table border="1"> <tr> <td colspan="3">Revised PoA DD and/or CPA DD</td> </tr> <tr> <td rowspan="3"> Rev. of PoA DD and/or CPA DD: Check whether the changes have been fully addressed in a revised PoA DD and/or CPA DD. </td> <td><input type="checkbox"/></td> <td>The changes have correctly been reflected in the revised PoA DD and/or CPA DD.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>A revision of the PoA DD and/or CPA DD is not required (in case of temp. changes).</td> </tr> <tr> <td><input type="checkbox"/></td> <td>The revised PoA DD and/or CPA DD has been forwarded in (i) track-change and (ii) clean version.</td> </tr> <tr> <td colspan="3">Prior Approval</td> </tr> <tr> <td rowspan="2"> Prior approval: Assess whether the change requires prior approval of the board </td> <td><input type="checkbox"/></td> <td>The post registration change requires prior approval</td> </tr> <tr> <td><input type="checkbox"/></td> <td>The post registration change does not require prior approval</td> </tr> </table>		Revised PoA DD and/or CPA DD			Rev. of PoA DD and/or CPA DD: Check whether the changes have been fully addressed in a revised PoA DD and/or CPA DD.	<input type="checkbox"/>	The changes have correctly been reflected in the revised PoA DD and/or CPA DD.	<input type="checkbox"/>	A revision of the PoA DD and/or CPA DD is not required (in case of temp. changes).	<input type="checkbox"/>	The revised PoA DD and/or CPA DD has been forwarded in (i) track-change and (ii) clean version.	Prior Approval			Prior approval: Assess whether the change requires prior approval of the board	<input type="checkbox"/>	The post registration change requires prior approval	<input type="checkbox"/>	The post registration change does not require prior approval
Revised PoA DD and/or CPA DD																				
Rev. of PoA DD and/or CPA DD: Check whether the changes have been fully addressed in a revised PoA DD and/or CPA DD.	<input type="checkbox"/>	The changes have correctly been reflected in the revised PoA DD and/or CPA DD.																		
	<input type="checkbox"/>	A revision of the PoA DD and/or CPA DD is not required (in case of temp. changes).																		
	<input type="checkbox"/>	The revised PoA DD and/or CPA DD has been forwarded in (i) track-change and (ii) clean version.																		
Prior Approval																				
Prior approval: Assess whether the change requires prior approval of the board	<input type="checkbox"/>	The post registration change requires prior approval																		
	<input type="checkbox"/>	The post registration change does not require prior approval																		

D.3. Corrections

Means of validation	Description of post registration change		
	Start Date: Please provide the start date of the change	30/11/2012	End Date: Please provide the end date of the change, if applicable
	Description: Please give a detailed description of the change(s)	<ul style="list-style-type: none"> Several parameters have been corrected as follows <ol style="list-style-type: none"> $B_{y,saving}$ changed to $B_{y,savings}$ in line with the methodology η_{oew} corrected to η_{new} $N_{y,non-adjustedpliance}$ corrected to $N_{y,non-adjusted}$ Furthermore, editorial changes concerning referencing sections due to adoption of latest PoA-DD template have been effected. <p>All the proposed editorial corrections do not affect the design of the PoA, and are all in line with the CDM project standard for programmes of Activities - version 1.0</p>	

	Assessment of post registration change		
	Accuracy: Please give a detailed assessment whether the correction is likely to lead to a reduction in the accuracy of the ER calculation.	The proposed changes do not affect the accuracy or correctness of the ER calculation.	
	Conservative-ness: Please give a detailed assessment whether conservative assumptions or discount factors have been applied to ensure that ER will not be overestimated.	The ER calculation is not impacted by the corrections.	
	Appendix 2 PS: Check if the changes fall under one of the scenarios of Appendix 2 of the PS for PoA.	The changes fall under §1 a) of the Appendix 2 of the CDM project standard for programmes of Activities, version 1.0	
Findings			
Conclusion			
Based on the above stated the corrections to the registered PDD are in accordance with applicable validation requirements related to the corrections in the VVS for PoA.			
Revised PoA DD and/or CPA DD			
Rev. of PoA DD and/or CPA DD: Check whether the changes have been fully addressed in a revised PoA DD and/or CPA DD.	<input checked="" type="checkbox"/>	The changes have correctly been reflected in the revised PoA-DD and CPA-DD.	
	<input type="checkbox"/>	A revision of the PoA-DD and/or CPA-DD is not required (in case of temp. changes).	
	<input checked="" type="checkbox"/>	The revised PoA-DD and/or CPA-DD has been forwarded in (i) track-change and (ii) clean version.	
Prior Approval			
Prior approval: Assess whether the change requires prior approval of the board	<input type="checkbox"/>	The post registration change requires prior approval	
	<input checked="" type="checkbox"/>	The post registration change does not require prior approval	

D.4. Inclusion of monitoring plan

Means of validation	Description of post registration change		
	Start Date: Please provide the start date of the change	DD/MM/YYYY	End Date: Please provide the end date of the change, if applicable
	Description: Please give a detailed description of the change(s)	N/A	
	Assessment of post registration change – Inclusion of a MP		
	MM compliance: Please check in case of changes to the registered MP, whether they are in compliance with the MM.		
	Later version of MM: Please check in cases where compliance with a later version of the MM is demonstrated that		

	conservativeness of the monitoring and verification is not affected.	
	Accuracy: Please give a detailed assessment whether the deviation is likely to lead to a reduction in the accuracy of the ER calculation.	
	Conservative-ness: Please give a detailed assessment whether conservative assumptions or discount factors have been applied to ensure that ER will not be overestimated.	
	Appendix 2 PS: Check if the changes fall under one of the scenarios of Appendix 2 of the PS for PoA.	
Findings		
Conclusion	Based on the above stated the inclusion of a monitoring plan to the registered project activity is in accordance with applicable validation requirements related to the inclusion of a monitoring plan to a registered project activity in the VVS for PoA.	
	Revised PoA DD and/or CPA DD	
	Rev. of PoA DD and/or CPA DD: Check whether the changes have been fully addressed in a revised PoA DD and/or CPA DD.	<input type="checkbox"/> The changes have correctly been reflected in the revised PoA DD and/or CPA DD.
		<input type="checkbox"/> A revision of the PoA DD and/or CPA DD is not required (in case of temp. changes).
		<input type="checkbox"/> The revised PoA DD and/or CPA DD has been forwarded in (i) track-change and (ii) clean version.
	Prior Approval	
Prior approval: Assess whether the change requires prior approval of the board	<input type="checkbox"/> The post registration change requires prior approval	
	<input type="checkbox"/> The post registration change does not require prior approval	

D.5. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other applied standards or tools

Means of validation	Type of change(s):	<input checked="" type="checkbox"/>	<i>Permanent Change from Monitoring Plan</i>	
		<input type="checkbox"/>	<i>Permanent Change from the applied methodologies</i>	
		<input type="checkbox"/>	<i>Permanent Change from standardized baselines</i>	
		<input type="checkbox"/>	<i>Permanent Change from other applied standards or tools</i>	
	Description of post registration change			
	Start Date: Please provide the start date of the change	30/11/2012	End Date: Please provide the end date of the change, if applicable	-

	Description: Please give a detailed description of the change(s)	<ul style="list-style-type: none"> Monitoring frequency for the following parameters have been changed from 'Once, at the time of inclusion of a CPA into the PoA' to 'Annual' to reflect programme circumstances and actual requirements of the applied methodology <ol style="list-style-type: none"> Annual energy saving per appliance The annual saving per appliance is affected by the applied standardized baseline and hence, it is important to ensure that the standardized baseline is still valid and any revisions or updates are reflected to adhere to the methodology limit Annual number of appliances to reach small scale threshold The sales database is continually populated with each new stove sale hence the SSC threshold must be adhered to annually as per applied SSC methodology B_{old} Parameter B_{old} varies annually with parameters such as N_y, baseline survey or an applied standardized baseline (if available). Hence, it is monitored annually. The monitoring frequency had not been indicated in the last revised PoA-DD, version 6.0, dated 07/09/2016. The monitoring frequency for parameter DO_y has been changed from 'biennially' to 'annual' to improve accuracy of the result.
	Assessment of post registration change – Permanent changes from MP or MM	
	MM compliance: Please check in case of changes to the registered MP, whether they are in compliance with the MM.	The changes are in compliance with the applied methodology as well as standardized baseline
	Later version of MM: Please check in cases where compliance with a later version of the MM is demonstrated that the conservativeness of the monitoring and verification is not affected.	Not applicable as the same methodology version is applied as the registered PoA
	Accuracy: Please give a detailed assessment whether the deviation is likely to lead to a reduction in the accuracy of the ER calculation.	There is no deviation from the applied methodology. These are only corrections in monitoring frequency which comply with the applied methodology. Therefore, there is no material impact in the accuracy of the ER calculation on CPAs.
	Conservativeness: Please give a detailed assessment whether conservative assumptions or	This is not applicable as the proposed changes have no material impact in the accuracy of the ER calculations or completeness of the monitoring.

	discount factors have been applied to ensure that ER will not be overestimated.																			
	Appendix 2 PS: Check if the changes fall under one of the scenarios of Appendix 2 of the PS for PoA.	n.a.																		
Findings	CAR 01																			
Conclusion	<p>Based on the above stated the permanent changes from the registered monitoring plan, applied monitoring methodology and/or applied standardized baseline are in accordance with applicable validation requirements related to the permanent changes from the registered monitoring plan, monitoring methodology and/or standardized baseline in the VVS for PoA.</p> <table border="1"> <tr> <td colspan="3">Revised PoA-DD</td> </tr> <tr> <td rowspan="3">Rev. of PoA-DD: Check whether the changes have been fully addressed in a revised PDD.</td> <td><input checked="" type="checkbox"/></td> <td>The changes have correctly been reflected in the revised PDD.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>A revision of the PDD is not required (in case of temp. changes).</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>The revised PDD has been forwarded in (i) track-change and (ii) clean version.</td> </tr> <tr> <td colspan="3">Prior Approval</td> </tr> <tr> <td rowspan="2">Prior approval: Assess whether the change requires prior approval of the board</td> <td><input checked="" type="checkbox"/></td> <td>The post registration change requires prior approval</td> </tr> <tr> <td><input type="checkbox"/></td> <td>The post registration change does not require prior approval</td> </tr> </table>		Revised PoA-DD			Rev. of PoA-DD: Check whether the changes have been fully addressed in a revised PDD.	<input checked="" type="checkbox"/>	The changes have correctly been reflected in the revised PDD.	<input type="checkbox"/>	A revision of the PDD is not required (in case of temp. changes).	<input checked="" type="checkbox"/>	The revised PDD has been forwarded in (i) track-change and (ii) clean version.	Prior Approval			Prior approval: Assess whether the change requires prior approval of the board	<input checked="" type="checkbox"/>	The post registration change requires prior approval	<input type="checkbox"/>	The post registration change does not require prior approval
Revised PoA-DD																				
Rev. of PoA-DD: Check whether the changes have been fully addressed in a revised PDD.	<input checked="" type="checkbox"/>	The changes have correctly been reflected in the revised PDD.																		
	<input type="checkbox"/>	A revision of the PDD is not required (in case of temp. changes).																		
	<input checked="" type="checkbox"/>	The revised PDD has been forwarded in (i) track-change and (ii) clean version.																		
Prior Approval																				
Prior approval: Assess whether the change requires prior approval of the board	<input checked="" type="checkbox"/>	The post registration change requires prior approval																		
	<input type="checkbox"/>	The post registration change does not require prior approval																		

D.6. Changes to the programme design

Means of validation	Type of change(s):	<input type="checkbox"/>	<i>Changes to the programme design</i>	
		<input type="checkbox"/>	<i>Changes to the project design</i>	
	Description of post registration change			
	Start Date: Please provide the start date of the change	-	End Date: Please provide the end date of the change, if applicable	-
	Description: Please give a detailed description of the change(s)	N/A		
	Applicability and application of the Approved Baseline Methodology			
	Description: Please give a detailed description on how the changes affect the applicability and application of the approved Baseline Methodology. Check if the actual changes			

	would adversely affect the conclusions during validation.		
	Additionality assessment		
	Description: Please give a detailed description re-assessment of additionality, Check whether the actual changes would adversely affect the conclusions during validation. If required please make use of the assessment tables in the annex.		
	Scale of the Project activity		
	Description: Please give a detailed description regarding the effect of the changes on the scale of the PoA (i.e. LSC or SSC).		
Revised PoA-DD			
Rev. of PoA-DD: Check whether the changes have been fully addressed in a revised PoA DD. In this context pl. refer to - Changes to the project boundary and GHG Sources - Changes to the baseline scenario. - Changes to the estimation of	<input type="checkbox"/>		

	emission reductions of a generic CPA - Effects with regards to compliance with the MP and level of accuracy and completeness of monitoring.		
	Revised Specific CPA-DDs		
	Rev. of Specific CPA DDs: Check whether the changes have been fully addressed in a revised PoA DD. In this context pl. refer to - Changes to the project boundary and GHG Sources - Changes to the baseline scenario. - Changes to the estimation of emission reductions of a generic CPA - Effects with regards to compliance with the MP and level of accuracy and completeness of monitoring.	<input type="checkbox"/>	
Findings			

Conclusion	
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D.7. Changes specific to afforestation and reforestation activities

Means of validation	N/A
Findings	
Conclusion	

SECTION E. Internal quality control

Before submission of the final assessment report a technical review is carried out. The technical reviewer is a competent GHG auditor being appointed for the scope this project falls under. The technical reviewer is not considered to be part of the verification team and thus not involved in the decision making process up to the technical review.

As a result of the technical review process the assessment opinion as prepared by the validation team leader may be confirmed or revised. Furthermore reporting improvements might be achieved.

SECTION F. Validation opinion

The below listed changes have occurred after the registration of the project / PoA.

<i>Type of Change occurred</i>	<i>Total No. of changes</i>	<i>No. of changes which require prior approval</i>
<input type="checkbox"/> Temporary deviations from the MP	-	-
<input type="checkbox"/> Temporary deviations from the MM	-	-
<input checked="" type="checkbox"/> Corrections that do not affect the project	4	-
<input type="checkbox"/> Change to the start date of the crediting p.	-	-
<input checked="" type="checkbox"/> Permanent changes from the MP	4	4
<input type="checkbox"/> Permanent changes from the MM	-	-
<input type="checkbox"/> Design changes to the programmed or project	-	-
<input type="checkbox"/> Change of coordinating/managing entity	-	-

The above listed post registration changes require prior approval of the Board.

Kigali, 05/04/2018




Lubanga, David
TÜV NORD JI/CDM CP
Assessment Team Leader

Appendix 1. Abbreviations

Abbreviations	Full texts
CA	Corrective Action / Clarification Action
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CL	Clarification Request
CO ₂	Carbon dioxide
CO _{2e}	Carbon dioxide equivalent
CP	Certification Program
CPA	Component Project Activities
DNA	Designated National Authority
EB	CDM Executive Board
ER	Emission Reduction
FAR	Forward Action Request
FSR	Feasibility Study Report
GHG	Greenhouse gas(es)
MP	Monitoring Plan
MR	Monitoring Report
PA	Project activity
PCP	Project Cycle Procedure
PDD	Project Design Document
PoA	Programme of Activities
PP	Project Participant
PRC	Post Registration Changes
PS	Project Standard
QC/QA	Quality control/Quality assurance
TR	Technical Review
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard
XLS	Emission Reduction Calculation Spread Sheet

Appendix 2. Competence of team members and technical reviewers



Statement of Competence
Appointment and authorization according to the procedures of the TÜV NORD JICDM Certification Program


Mr. David Lubanga

SCHEME	STATUS	VALID UNTIL
CDM	Lead Assessor (Validation, Verification)	2018-10-20
VCS / ISO 14064-2	Lead Assessor	2018-10-20

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.2	Renewables
3.1	Energy demand

251 - Rev. 4, Date: 2015-10-21



Statement of Competence
Appointment and authorization according to the procedures of the TÜV NORD JICDM Certification Program

Ms. Xue Jiao Fancy Zhao


SCHEME	STATUS	VALID UNTIL
CDM	Senior Assessor (Validation, Verification) Technical Reviewer	2019-11-01
VCS / ISO 14064-2	Senior Assessor	2019-11-01

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.2	Renewables
13.2	Manure

230- Rev. 7, Date: 2017-03-22

230_091-VA069-F20_2017-03-22_rev7.docx 091-VA069-F20 rev3 / 2012-10-26



Statement of Competence
Appointment and authorization according to the procedures of the TÜV NORD JICDM Certification Program


Mr. Stefan Winter

SCHEME	STATUS	VALID UNTIL
CDM	Senior Assessor (Validation, Verification) Technical Reviewer	2020-07-27
VCS	Senior Assessor (Validation, Verification) Technical Reviewer	2020-07-27

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.1	Thermal energy generation
1.2	Renewables
2.1	Energy distribution
3.1	Energy demand
4.1	Cement and lime production
4.2	Paper
5.2	Caprolactam, nitric and adipic acid
9.1	Aluminium and magnesium production
9.2	Iron, steel and Ferro-alloy production
13.1	Solid waste and wastewater
13.2	Manure

163 - Rev. 5, Date: 2017-07-20



Statement of Competence
Appointment and authorization according to the procedures of the TÜV NORD JICDM Certification Program

Mr. Rainer Winter

SCHEME	STATUS	VALID UNTIL
CDM	Senior Assessor (Validation, Verification) Technical Reviewer	2019-07-01
J1	Senior Assessor Technical Reviewer	2019-07-01
VCS / ISO 14064-2	Senior Assessor Technical Reviewer	2019-07-01

Authorization status for technical areas within sectoral scopes:

CODE	TECHNICAL AREA
1.1	Thermal Energy Generation
1.2	Renewables
4.1	Cement and lime production
4.2	Paper
5.1	Chemical Industry
5.2	Caprolactam, nitric and adipic acid
8.1	Mining/mineral production
9.1	Aluminium and magnesium production
9.2	Iron, steel and Ferro-alloy production
11.1	Emissions of fluorinated gases
11.2	Refrigerant gas production
12.1	Chemical industry
13.1	Solid waste and wastewater

003 - Rev. 10, Date: 2016-07-01

003_091-VA069-F20_2016-07-01_rev10.docx 003-VA069-F20 rev3 / 2012-10-26

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1.	CME	CPA-Design Document “Burn JikoKoa Project CPA04” - version 1.0, dated 07/12/2017	/CPA-DD/	CME
2.	CME	Project Design Document “Clean Cook-Stoves in Sub-Saharan Africa by ClimateCare Limited” - version 6.0, dated 07/09/2016 Project Design Document “Clean Cook-Stoves in Sub-Saharan Africa by ClimateCare Limited” version 7.0, dated 15/03/2018 Project Design Document “Clean Cook-Stoves in Sub-Saharan Africa by ClimateCare Limited” version 7.0, dated 23/03/2018	/PoA-DD/	CME
3.	UNFCCC	AMS-II.G: Energy efficiency measures in thermal applications of non-renewable biomass – version 4.0	/AMS/	UNFCCC
4	UNFCCC	CDM-CPA-DD-FORM_v8.1	/CPA-T/	UNFCCC
5	UNFCCC	CDM-PoA-DD-FORM_v8.1	/PoA-T/	UNFCCC
8.	TÜV NORD	TÜV NORD JI / CDM CP Manual (incl. CP procedures and forms)	/CPM/	TÜV NORD
9.	IPCC	IPCC Good Practice Guidance & Uncertainty Management in National Greenhouse Gas Inventories, 2000 Revised 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Reference Manual	/IPCC/	
10.	UNFCCC	CDM project cycle procedure for programmes of activities (version 01.0)	/PCP/	UNFCCC
11.	UNFCCC	CDM project standard for programmes of Activities (Version 01.0)	/PS/	UNFCCC
12.	UNFCCC	CDM validation and verification standard for Project Activities (Version 01.0)	/VVS/	UNFCCC
13.	UNFCCC	Kyoto Protocol (1997)	/KP/	UNFCCC

14.	UNFCCC	CDM Glossary of Terms, version 9.1	/GT/	UNFCCC
15.	UNEP Riso Centre	www.cd4cdm.org	/cd4cdm/	UNEP
16.	IPCC publications	www.ipcc-nggip.iges.or.jp	/ipcc/	IPCC
17.	UNFCCC	http://cdm.unfccc.int	/unfccc/	UNFCCC

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

Table 1. CLs from this validation

CL ID	N/A	Section no.	N/A	Date: 26/02/2018
Description of CAR				
N/A				
CME response (1 st round)				Date: 08/03/2018
Documentation provided by CME				
<input checked="" type="checkbox"/>	Changes in the PoA-DD	Section(s):	New version No.:	
<input type="checkbox"/>	Changes in XLS	Worksheet(s):	New version No.:	
<input type="checkbox"/>	Other:			
DOE assessment (1 st round)				Date: 12/02/2018
Conclusion				
Tick the appropriate checkbox		<input type="checkbox"/> Additional action should be taken (finding remains open) <input type="checkbox"/> The finding is closed		

Table 2. CARs from this validation

CAR ID	01	Section no.	-	Date: 26/02/2017
Description of CAR				
Revised PoA-DD version 7.0				
The following issues have been raised in as far as the revised PoA-DD is concerned				
1. An earlier version of the PoA-DD other than the latest PoA-DD version 6.0, dated 07/09/2016 has been used 2. Several references as per the earlier applied template are retained. 3. Several corrections addressed in the latest validation of the CPA 04 CPA-DD shall be adapted into the PoA-DD 4. Appendix 1: Shall be completed in line with the applied template version 8.1 5. Appendix 7: New changes to be included in this section				
CME response (1 st round)				Date: 08/03/2018
1. The correct version of the PoA-DD ver. 6 has been used, dated 29/08/2016 has been used 2. The PoA-DD has been updated and earlier references removed 3. The PoA-DD has been updated to be in line with latest corrections addressed in the latest validation of the CPA 04 CPA-DD 4. Appendix 1: has been completed in line with the applied template version 8.1 5. Appendix 7: New changes has been included in line with the PRC changes				
Documentation provided by CME				
<input checked="" type="checkbox"/>	Changes in the PoA-DD	Section(s): -	New version No.: 7.0	
<input type="checkbox"/>	Changes in XLS	Worksheet(s):	New version No.:	
<input type="checkbox"/>	Other:			
DOE assessment (1 st round)				Date: 13/03/2018

PoA-DD version 7.0,			
<ol style="list-style-type: none"> 1. Please note that the latest PDD before the proposed changes was version 6, dated 07/09/2016. Therefore, it is assessed that the current changes involve an older version 2. All references have been updated in line with the new template 3. Latest editorial corrections as effected during the validation of the CPA04 have been reflected in the PoA-DD 4. Appendix 1 has now been completed in line with the latest template guidelines 5. Appendix 7 still not completed in line with the guidelines 			
CME response (2nd round)			Date: 15/03/2018
PoA-DD version 7.0,			
<ol style="list-style-type: none"> 1. The PoA dates have been rectified and the mix up removed. The dates are now consisted with the latest older version. 5. Changes have been made to Appendix 7 of the PoA-DD in order to be in line with the guidelines 			
Documentation provided by CME			
<input checked="" type="checkbox"/> Changes in the PoA-DD	Section(s): -	New version No.: 7.0	
<input type="checkbox"/> Changes in XLS	Worksheet(s):	New version No.:	
<input type="checkbox"/> Other:			
DOE assessment (2nd round)			Date: 15/03/2018
PoA-DD version 7.0,			
<ol style="list-style-type: none"> 1. The latest PoA-DD registered has been applied before the latest changes 2. Appendix 1 has now been completed with the relevant information as per the CDM-PoA-DD-FORM_v8.1 template requirements 			
Conclusion <i>Tick the appropriate checkbox</i>		<input type="checkbox"/> Additional action should be taken (finding remains open) <input checked="" type="checkbox"/> The finding is closed	

Table 3. FARs from this validation

FAR ID	N/A	Section no.	N/A	Date: DD/MM/YYYY
Description of FAR				
CME response (1st round)				Date:
Documentation provided by CME (1st round)				
<input type="checkbox"/> Changes in the PoA-DD	Section(s):	New version No.:		
<input type="checkbox"/> Changes in MR	Section(s):	New version No.:		
<input type="checkbox"/> Changes in XLS	Worksheet(s):	New version No.:		
<input type="checkbox"/> Other:				
DOE assessment (1st round)				Date:
Conclusion <i>Tick the appropriate checkbox</i>		<input type="checkbox"/> To be checked during the next periodic verification		

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	29 December 2017	Revision to align with the requirements of the “CDM validation and verification standard for programme of activities” (version 01.0).
01.0	5 June 2015	Initial publication.

Decision Class: Regulatory
Document Type: Form
Business Function: Registration
Keywords: post-registration change, programme of activities, validation report