



RINA

JOINT IMPLEMENTATION VERIFICATION REPORT

FINAL REPORT

“Methane gas capture and electricity
production at Kubratovo Wastewater
Treatment, Sofia Bulgaria”

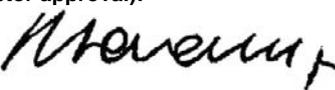
Monitoring period: 01/01/2010 to 31/12/2010

Report N° 11-DG-21-MD

Revision N° 1.1



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| | | | | |
|--|-----------------|---|---|---|
| Project Title: "Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria" | | Country: BULGARIA | Estimated ERUs from the PDD (tCO2e): 198,833 annual average | |
| JI Registration Reference: N° BG1000166 | | Monitoring period: 01/01/2010 to 31/12/2010 | | Verified ERUs (tCO2e): 116,026 |
| Client: Sofiyska Voda AD | | Client contact: Mr. Dobromir Simidchiev | | |
| Report No.: 11-DG-21-MD | | Revision: 1.1 | | Date of this report: 18/05/2011 |
| Approved by (Final Report – DCI Director approval):  Roberto Cavanna | | | | Date of approval: 19/05/2011 |
| Methodology – if applicable | | | | |
| Number: | Version: | Title: Project specific methodology | Scale | SS(s): |
| <p>RINA Services S.p.A. (RINA), commissioned by SOFIYSKA VODA, has verified of the greenhouse gas emission reductions reported for the project activity "Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria", JI Registration Reference N° BG1000166, for the period 01/01/2010 to 31/12/2010, with regard to the relevant requirements for JI activities. The verification shall ensure that reported emission reductions are complete and accurate in accordance with applicable UNFCCC requirements.</p> <p>The project was validated by TUV SUD (Determination report N° 746691 issued on 25/01/2010) and it was registered on under the JI registration reference N° BG1000166</p> <p>The GHG emission reductions were calculated on the basis of the project specific methodology included in the Monitoring Report version 3.1 from 25/04/2011 /3/.</p> <p>In conclusion, it is RINA's opinion that the project activity "Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria", in Bulgaria, as described in the Monitoring Report version 3.1 from 25/04/2011 /3/, meets all relevant requirements for JI activities and all relevant host country criteria and correctly applies the baseline and monitoring JI Project specific methodology. Hence RINA confirms that the project is implemented as without any changes. Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately. The monitoring system is in place and the project is ready to generate GHG emission reductions. The GHG emission reduction is calculated accurately and without material errors, omissions, or misstatements, and the ERUs issued totalize 116,026 tons of CO2eq for the monitoring period.</p> | | | | |

| | |
|--|---|
| Work carried out by: Konstantin Rachev Paolo Teramo | <input checked="" type="checkbox"/> No distribution without permission from the Client or organizational unit responsible <input type="checkbox"/> Strictly confidential <input type="checkbox"/> Unrestricted distribution |
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| Work verified by (Final Report – CRT person responsible approval)  Paolo Teramo | Keywords: Climate Change, Kyoto Protocol, Joint Implementation, Verification |
|---|--|

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Abbreviations

| | |
|-------------------|---|
| BE | Baseline Emissions |
| CAR | Corrective Action Request |
| JI | Joint Implementation Mechanism |
| VER(s) | Verified Emission Reduction(s) |
| CH ₄ | Methane |
| CL | Clarification Request |
| CO ₂ | Carbon dioxide |
| CO ₂ e | Carbon dioxide equivalent |
| CRT | Coordination and Technical Control Staff |
| DCI | Certification Division of RINA Services Spa |
| DFP | Designated Focal Point |
| AIE | Accredited Independent Entity |
| JISC | Joint Implementation Supervisory Committee |
| ER | Emission Reductions |
| FAR | Forward Action Request |
| GHG(s) | Greenhouse gas(es) |
| GWP | Global Warming Potential |
| IPCC | Intergovernmental Panel on Climate Change |
| LoA | Letter of Approval |
| MoV | Means of Verification |
| MR | Monitoring Report |
| NGO | Non-governmental Organization |
| ODA | Official Development Assistance |
| PDD | Project Design Document |
| PE | Project Emission |
| PP(s) | Project Participant(s) |
| Ref. | Document Reference |
| RINA | RINA Services Spa |
| SS(s) | Sectoral Scope(s) |
| UNFCCC | United Nations Framework Convention on Climate Change |
| DVM | Determination and Verification Manual |
| WWTP | Waste Water Treatment Plant |

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1 INTRODUCTION

SOFIYSKA VODA AD has commissioned RINA to verify the emissions reductions of its JI project “Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria” (hereafter called “the project”) at Kubratovo, Sofia, Bulgaria.

This report summarizes the findings of the verification of the project, performed on the basis of UNFCCC criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

1.1 Objective

Verification is the periodic independent review and ex post determination by the Accredited Independent Entity of the monitored reductions in GHG emissions during defined verification period.

UNFCCC criteria refer to Article 6 of the Kyoto Protocol, the JI rules and modalities and the subsequent decisions by the JI Supervisory Committee, as well as the host country criteria.

1.2 Scope

The verification scope is defined as an independent and objective review of the project design document, the project’s baseline study and monitoring plan and other relevant documents. The information in these documents is reviewed against Kyoto Protocol requirements, UNFCCC rules and associated interpretations.

The verification is not meant to provide any consulting towards the Client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the project monitoring towards reductions in the GHG emissions.

1.3 Verification Team

The verification team and the technical reviewers consist of the following personnel:

| Role | Last Name | First Name | Country |
|--------------------|-----------|------------|----------|
| Team Leader JI | Rachev | Konstantin | Bulgaria |
| Technical Expert | Teramo | Paolo | Italy |
| Technical Reviewer | Valoroso | Rita | Italy |

2 METHODOLOGY

Verification was conducted using RINA procedures in line with the requirements specified in the JI Guideline, the latest version of the JI Determination and Verification Manual, and relevant decisions of the COP/MOP and applying standard auditing techniques.

The verification consisted of the following three phases:

- Desk review;
- On-site assessment;
- The resolution of outstanding issues and the issuance of the final verification report and certification.

In order to ensure transparency, a verification protocol was customized for the project, according to the version 01 of the Joint Implementation Determination and Verification Manual, issued by the Joint Implementation Supervisory Committee at its 19 meeting on 04/12/2009. The protocol shows, in a transparent manner, criteria (requirements), means of verification and the results from verifying the identified criteria. The verification protocol serves the following purposes:

- It organizes, details and clarifies the requirements a JI project is expected to meet;
- It ensures a transparent verification process where the verifier will document how a particular requirement has been verified and the result of the verification.

The completed verification protocol is enclosed in Appendix A to this report.

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2.1 Review of Documents

The Monitoring Report (MR) version 3 from February 2011 and amendment version 3.1 from April 2011 /3/ submitted by SOFIYSKA VODA and additional background documents related to the project design and baseline, i.e. country Law, Project Design Document (PDD), Approved CDM methodology (if applicable) and/or Guidance on criteria for baseline setting and monitoring, Host party criteria, Kyoto Protocol, Clarifications on Verification Requirements to be Checked by an Accredited Independent Entity were reviewed.

The verification findings presented in this report relate to the Monitoring Report /3/ and project as described in the determined PDD/1/.

2.2 Follow-up Interviews

On 06/04/2011 RINA performed (on-site) interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of SOFIYSKA VODA were interviewed (see References from /15/ to /21/). The main topics of the interviews are summarized in Table 1.

Table 1 Interview topics

| Interviewed organization | Interview topics |
|---------------------------------------|--|
| SOFIYSKA VODA AD | <ul style="list-style-type: none"> ❖ Continuing monitoring equipment and measurement; ❖ Calibration and maintenance of the used monitoring equipment; ❖ Roles, responsibilities and legal environmental requirements; ❖ Project specific documentations and monitoring of the main data; ❖ Organization scheme and responsibilities; ❖ Data collecting and archiving; ❖ GHG Emission reduction estimation and calculations. Baseline and Project emission estimations; ❖ Waste Water Treatment Plant and Digesters consultation ❖ Social and Environmental Responsibilities |
| (LOCAL Stakeholder) | During the second verification no local stakeholder were consulted |
| CONSULTANT: Global Carbon Bulgaria | <ul style="list-style-type: none"> ❖ GHG Emission reduction estimation and calculations. Baseline and Project emission estimations; ❖ Monitoring Report consultation |

2.3 Resolution of Clarification, Corrective and Forward Action Requests

The objective of this phase of the verification is to raise the requests for corrective actions and clarification and any other outstanding issues that needed to be clarified for RINA positive conclusion on the GHG emission reduction calculation.

If the Verification Team, in assessing the Monitoring report /3/ and supporting documents, identifies issues that need to be corrected, clarified or improved with regard to the monitoring requirements, it should raise these issues and inform the project participants of these issues in the form of:

(a) Corrective action request (CAR), requesting the project participants to correct a mistake that is not in accordance with the monitoring plan;

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(b) Clarification request (CL), requesting the project participants to provide additional information for the AIE to assess compliance with the monitoring plan;

(c) Forward action request (FAR), informing the project participants of an issue, relating to the monitoring that needs to be reviewed during the next verification period.

To guarantee the transparency of the verification process, the concerns raised are documented in more detail in the verification protocol in Appendix A.

2.4 VERIFICATION CONCLUSIONS

In the following sections, the conclusions of the verification are stated.

The findings from the desk review of the original monitoring documents and the findings from interviews during the follow up visit are described in the Verification Protocol in Appendix A.

The Clarification, Corrective and Forward Action Requests are stated, where applicable, in the following sections and are further documented in the Verification Protocol in Appendix A. The verification of the Project resulted in 2 Corrective Action Requests, 2 Clarification Requests, and 0 Forward Action Requests.

The number between brackets at the end of each section corresponds to the VVM paragraph.

2.5 Project approval by Parties involved (90-91)

Written project approvals by Bulgarian Ministry of Environment and water from August 2007 /5/ and the Approval from the State of the Netherlands from July 2007 /6/ have been issued by the DFP of that Party when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest.

The above mentioned written approvals are unconditional.

2.6 Project implementation (92-93)

The project implementation date is described in the PDD /1/ and in the Monitoring Report /3/, point A.3 /3/. In this point is documented a list of major JI Project stages.

During the second verification of this project and during the on-site visit in the WWTP it can be stated that the installations worked without interruption strictly according with all technological procedures. No amendments in the technology and in the installation during 2010 were found.

The project complies with the requirements.

2.7 Compliance of the monitoring plan with the monitoring methodology (94-98)

The monitoring occurred in accordance with the monitoring plan included in the PDD /1/ regarding which the determination has been deemed final and is so listed on the UNFCCC JI website.

For calculating the emission reductions or enhancements of net removals, key factors, such as measurement of the waste water flow and Biochemical Oxygen Demand (BOD) reduced; measurement of biogas production; measurement of electric and thermal energy displaced, influencing the baseline emissions or net removals and the activity level of the project and the emissions or removals as well as risks associated with the project were taken into account, as appropriate.

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Data sources used for calculating emission reductions or enhancements of net removals, such as emission factors and continuous monitoring software and database are clearly identified, reliable and transparent.

Emission factors is selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice.

The calculation of emission reductions or enhancements of net removals is based on conservative assumptions and the most plausible scenarios in a transparent manner.

2.8 Revision of monitoring plan (99-100)

During the second verification period no deviations from the registered PDD /1/ have been made inside the project boundary.

2.9 Data management (101)

The data and their sources, provided in Monitoring report /3/, are clearly identified, reliable and transparent.

The implementation of data collection procedures is in accordance with the monitoring plan, including the quality control and quality assurance procedures. These procedures are mentioned in the section "References" of this report.

The function of the monitoring equipment, including its calibration status, is in order.

The evidence and records used for the monitoring are maintained in a traceable manner.

The data collection and management system for the project is in accordance with the monitoring plan.

2.10 Verification regarding programmes of activities

Not applicable

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3 VERIFICATION OPINION

RINA has performed the 2nd periodic verification of the “Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria”, which applies the project specific methodology. The verification was performed on the basis of UNFCCC criteria and host country criteria and also on the criteria given to provide for consistent project operations, monitoring and reporting.

The verification consisted of the following three phases: i) desk review of the project design and the baseline and monitoring plan; ii) follow-up interviews with project stakeholders; iii) resolution of outstanding issues and the issuance of the final verification report and opinion.

The management of SOFIYSKA VODA AD is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions of the project on the basis set out within the project Monitoring and Verification Plan indicated in the final PDD /1/. The development and maintenance of records and reporting procedures in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of the management of the project.

RINA verified the Project Monitoring Report /3/ version 3.0 from February 2011 and amendment version 3.1 from 25 April 2011 for the reporting period as indicated below. RINA confirms that the project is implemented without changes. Installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately. The monitoring system is in place and the project is generating GHG emission reductions.

RINA can confirm that the GHG emission reduction is accurately calculated and is free of material errors, omissions, or misstatements. Our opinion relates to the project’s GHG emissions and resulting GHG emissions reductions reported and related to the approved project baseline and monitoring, and its associated documents. Based on the information we have seen and evaluated, we confirm, with a reasonable level of assurance, the following statement:

Reporting period: From **01/01/2010 to 31/12/2010**

Baseline emissions: 134,599 t CO2 equivalents.
Project emissions: 18,573 t CO2 equivalents.

Emission Reductions (Year 2010): 116,026 t CO2 equivalents.

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4 REFERENCES

Category 1 Documents:

Documents provided by Type the name of the company that relate directly to the GHG components of the project.

- /1/ PDD “Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria”, version July, 2005
- /2/ Determination Report No. 743691, Revision 00 from 25/01/2006, issued by TUV SUD Industrie Service GmbH
- /3/ Monitoring Report of JI Project - “Methane gas capture and electricity production at Kubratovo Wastewater Treatment, Sofia, Bulgaria” version 3.0, February 2011 and version 3.1, 25 April 2011
- /4/ Emission reduction estimation and data flows excel files,- version 3 from February 2011 and version 3.1 from April 2011

Category 2 Documents:

Background documents related to the design and/or methodologies employed in the design or other reference documents.

- /5/ Letter of approval from Ministry of Environment and water, Bulgaria issued during August 2007
- /6/ Letter of Approval from the State of the Netherlands during July 2007
- /7/ Verification Report from 14/06/2010 covering period from 2007 up to 2009 emission reduction estimation, made from Bureau Veritas
- /8/ Company schemes, diagrams, protocols and data flows and Company Monitoring Instructions
- /9/ Measurements devices calibrations files
- /10/ Technical descriptions on used measurement devices
- /11/ Protocol No.20100615-020/15.06.2010 for periodic check of measurement equipment –gas analyzer, flow meter system Awite
- /12/ Protocol No.20101210-002/10.12.2010 for periodic check of measurement equipment –gas analyzer, flow meter system Awite
- /13/ Protocol No.20091113-001/13.11.2009 for periodic check of measurement equipment –gas analyzer, flow meter system Awite
- /14/ Laboratory accreditation certificate – valid up to 28.02.2014

Persons interviewed:

List persons interviewed during the verification or persons that contributed with other information that are not included in the documents listed above.

- /15/ Mr. Rayno Popov, Waste Water Treatment Plant Manager
- /16/ Mr. Dobromir Simidchiev – Director new investment
- /17/ Mrs. Bojanka Brankova – specialist Process Management
- /18/ Mr. Mrs.Vesela Stefanova, plant laboratory supervisor
- /19/ Mr. Victor Milkov, consultant (Global Carbon Bulgaria)
- /20/ Mr. Aleksandar Manolov – supervisor biogas utilization
- /21/ Mr. Filipov – chief of el. Substation

APPENDIX A: VERIFICATION PROTOCOL

TABLE 1 REQUIREMENTS CHECK LIST

| DVM Paragraph | Check Item | Initial finding | Draft Conclusion | Final Conclusion |
|---|---|---|------------------|------------------|
| Project approval by the parties involved | | | | |
| 90 | Has the DFPs of at least one Party involved, other than the host Party, issued a written project approval when submitting the first verification report to the secretariat for publication in accordance with paragraph 38 of the JI guidelines, at the latest? | Yes, Letter of approval of Bulgarian Ministry of Environment and water from August 2007 and the the State of the Netherlands during July 2007 have been issued and verified | | OK |
| 91 | Are all the written project approvals by Parties involved unconditional? | Yes, bought Letters of approval are unconditional. | | OK |
| Project implementation | | | | |
| 92 | Has the project been implemented in accordance with the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website? | Yes, the project is been implemented as described in the registered PDD. During 2010 no changes in the production was found. The producing process was carried on as per the technology plan. No amendments were found. | | OK |
| 93 | What is the status of operation of the project during the monitoring period? | During 2010 all the project installations in the WWTP have been worked without interruption strictly according with all technological procedures. | | OK |
| Compliance with monitoring plan | | | | |
| 94 | Did the monitoring occur in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final and is so listed on the UNFCCC JI website? | Yes, the project monitoring plan in MR for second verification covering 2010 was according with the registered PDD. The Monitoring plan is reliable and corresponds to the actual situation. | | OK |
| 95 (a) | For calculating the emission reductions or enhancements of net removals, were key factors, e.g. those listed in 23 (b) (i)-(vii) above, influencing the baseline emissions or net removals and the activity level of the project and the emissions or removals as well as risks associated with the | The monitoring plan is based on an on-line measurement and data collection from the used software and company databases. Then all the data are put in excel sheet. However there was documented a CAR 1 All of the used monitoring methods were verified during the on-site visit of the company and founded reliable. All the | CAR 1 | OK |

| DVM Paragraph | Check Item | Initial finding | Draft Conclusion | Final Conclusion |
|---|---|--|------------------|------------------|
| | project taken into account, as appropriate? | collect information is well traceable. | | |
| 95 (b) | Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent? | Company used different monitoring software for collecting the required monitoring data. All data and sources are very well identified, reliable and transparent. | | OK |
| 95 (c) | Are emission factors, including default emission factors, if used for calculating the emission reductions or enhancements of net removals, selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice? | Emission factors and all fixed data used are reliable and reasonable. The given information in the MR is also sufficient. | | OK |
| 95 (d) | Is the calculation of emission reductions or enhancements of net removals based on conservative assumptions and the most plausible scenarios in a transparent manner? | Yes, the calculation of emission reduction is based on conservative manner. | | OK |
| Applicable to JI SSC projects only | | | | |
| 96 | Is the relevant threshold to be classified as JI SSC project not exceeded during the monitoring period on an annual average basis? If the threshold is exceeded, is the maximum emission reduction level estimated in the PDD for the JI SSC project or the bundle for the monitoring period determined? | n/a | | |
| Applicable to bundled JI SSC projects only | | | | |
| 97 (a) | Has the composition of the bundle not changed from that is stated in F-JI-SSCBUNDLE? | n/a | | |
| 97 (b) | If the determination was conducted on the basis of an overall monitoring plan, have the project participants submitted a common monitoring report? | n/a | | |
| 98 | If the monitoring is based on a monitoring | n/a | | |

| DVM Paragraph | Check Item | Initial finding | Draft Conclusion | Final Conclusion |
|---|---|--|------------------|------------------|
| | <p>plan that provides for overlapping monitoring periods, are the monitoring periods per component of the project clearly specified in the monitoring report? Do the monitoring periods not overlap with those for which verifications were already deemed final in the past?</p> | | | |
| Revision of monitoring plan | | | | |
| Applicable only if monitoring plan is revised by project participant | | | | |
| 99 (a) | Did the project participants provide an appropriate justification for the proposed revision? | n/a | | |
| 99 (b) | Does the proposed revision improve the accuracy and/or applicability of information collected compared to the original monitoring plan without changing conformity with the relevant rules and regulations for the establishment of monitoring plans? | n/a | | |
| Data management | | | | |
| 101 (a) | Is the implementation of data collection procedures in accordance with the monitoring plan, including the quality control and quality assurance procedures? | <p>All data from the laboratory and different sections of the installations will be transferred in paper and electronic form to Process manager, Mrs. Bojanka Brankova. The data will be summarized in Excel sheets by her. Primary data in electronic (Excel) and paper form as well as final Excel sheets will be archived by her.</p> <p>Through SCADA control and monitoring system all data from different meters and control rooms are transmitted directly on screen at Process manager chief's office and is treated by the staff of the department.</p> <p>Mrs. Brankova as well as other staff is responsible for monitoring management. The staff responsibilities are identify and documented in the MR.</p> <p>During the on-site visit the appointed staff clearly demonstrated his accountability and awareness for collecting and reporting the required data.</p> | CAR 2 CL 2 | OK |

| DVM Paragraph | Check Item | Initial finding | Draft Conclusion | Final Conclusion |
|---|--|--|------------------|------------------|
| | | There were documented a CAR 2 and a CL 2 | | |
| 101 (b) | Is the function of the monitoring equipment, including its calibration status, is in order? | <p>During the on-site visit were checked all measuring devices calibration. All devices were calibrated from authorized laboratory and regarding Bulgarian laws. All necessary protocols were physically available and checked. There is no deviation found. In the MR is documented a table providing information for used measuring equipment and calibrating procedures. However, it was documented a CL 1</p> <p>The calibration of the gas analyzer was done in June and December 2010. The used electricity meters were replaced during December 2009 from CEZ Bulgaria.</p> | CL 1 | OK |
| 101 (c) | Are the evidence and records used for the monitoring maintained in a traceable manner? | Yes, all the documentation concerning monitoring equipment and data is in good traceable manner. | | OK |
| 101 (d) | Is the data collection and management system for the project in accordance with the monitoring plan? | <p>The used measuring monitoring hardware and software was found adequate. The used data management system gives evidence and allows for verifications of the emission reduction data calculations. Please also refer to documented CARs and CLs.</p> <p>All the data collection and emission reduction estimation correspond to the monitoring plan for 2010. The documentation is reliable.</p> | | OK |
| Verification regarding programs of activities (additional elements for assessment) | | | | |
| 102 | Is any JPA that has not been added to the JI PoA not verified? | n/a | | |
| 103 | Is the verification based on the monitoring reports of all JPAs to be verified? | n/a | | |
| 103 | Does the verification ensure the accuracy and conservativeness of the emission reductions or enhancements of removals generated by each JPA? | n/a | | |
| 104 | Does the monitoring period not overlap with previous monitoring periods? | n/a | | |
| 105 | If the AIE learns of an erroneously included JPA, has the AIE informed the | n/a | | |

| DVM Paragraph | Check Item | Initial finding | Draft Conclusion | Final Conclusion |
|---|---|-----------------|------------------|------------------|
| | JISC of its findings in writing? | | | |
| Applicable to sample-based approach only | | | | |
| 106 | Does the sampling plan prepared by the AIE: (a) Describe its sample selection, taking into account that: (i) For each verification that uses a sample-based approach, the sample selection shall be sufficiently representative of the JPAs in the JI PoA such extrapolation to all JPAs identified for that verification is reasonable, taking into account differences among the characteristics of JPAs, such as: - The types of JPAs; - The complexity of the applicable technologies and/or measures used; - The geographical location of each JPA; - The amounts of expected emission reductions of the JPAs being verified; - The number of JPAs for which emission reductions are being verified; - The length of monitoring periods of the JPAs being verified; and - The samples selected for prior verifications, if any? | n/a | | |
| 107 | Is the sampling plan ready for publication through the secretariat along with the verification report and supporting documentation? | n/a | | |
| 108 | Has the AIE made site inspections of at least the square root of the number of total JPAs, rounded to the upper whole number? If the AIE makes no site inspections or fewer site inspections than | n/a | | |

| DVM Paragraph | Check Item | Initial finding | Draft Conclusion | Final Conclusion |
|---------------|---|-----------------|------------------|------------------|
| | the square root of the number of total JPAs, rounded to the upper whole number, then does the AIE provide a reasonable explanation and justification? | | | |
| 109 | Is the sampling plan available for submission to the secretariat for the JISC.s ex ante assessment? (Optional) | n/a | | |
| 110 | If the AIE learns of a fraudulently included JPA, a fraudulently monitored JPA or an inflated number of emission reductions claimed in a JI PoA, has the AIE informed the JISC of the fraud in writing? | n/a | | |

TABLE 2 RESOLUTIONS OF CORRECTIVE ACTION REQUESTS AND CLARIFICATION REQUESTS

| Draft report clarifications and corrective action requests by validation team | Ref. to checklist question in table 1 | Response by project participants | Verification team conclusion |
|--|---------------------------------------|--|--|
| <u>Corrective action request №1</u> During the onsite visit was found that in the table B.2.3 were confused months and numbers (they are wrongly present in the MR (first two column) | 95 (a) | The data in table B.2.3 has been corrected. The Monitoring Report has been amended respectively. | The verification team has checked the provided additional information and has found it correct and reliable. This CAR 1 is closed. |
| <u>Corrective action request №2</u> Please present Annex 2 and Annex 3 in the Monitoring Report | 101 (a) | Annex 2 and Annex 3 have been presented in the Monitoring Report as required. | The verification team has checked the provided additional information and has found it correct and reliable. This CAR 2 is closed. |
| <u>Clarification request №1</u> Please clarify the periodic calibration procedure of used electricity meters (table B.1.3) | 101 (b) | The commercial electric meters have to be calibrated every 4 years according to law. Table B.1.3 of the MR has been amended as required. | The verification team has checked the provided additional information and has found it correct and reliable. This CL 1 is closed. |

| Draft report clarifications and corrective action requests by validation team | Ref. to checklist question in table 1 | Response by project participants | Verification team conclusion |
|--|---------------------------------------|--|---|
| <u>Clarification request №2</u> Please clarify the used measurement equipment during 2010 – page 15 of the MR | 101 (a) | The used measurement equipment at page 15 of the MR has been listed properly as required. The MR has been amended accordingly. | The verification team has checked the provided additional information and has found it correct and reliable. This CL 1 is closed. |

TABLE 3 FORWARD ACTION REQUEST

| Forward action request | Ref. to checklist question in table 1 | Summary of project participant response | Verification team conclusion |
|------------------------|---------------------------------------|---|------------------------------|
| | | | |