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# VERIFICATION REPORT

## «COMPANY «MT-INVEST» LTD

### VERIFICATION OF THE REDUCTION OF POWER CONSUMPTION AND WASTE DISPOSAL AT “OBOLON” PJSC

PERIODIC  
(01/01/2011 – 30/06/2011)

REPORT NO. UKRAINE-VER/0290/2011

REVISION No. 02

BUREAU VERITAS CERTIFICATION



VERIFICATION REPORT

Date of first issue: 14/07/2011	Organizational unit: Bureau Veritas Certification Holding SAS
Client: «Company «MT-Invest» LTD	Client ref.: Falendysh Yaroslav

**Summary:**  
Bureau Veritas Certification has made the periodic verification of the "Reduction of power consumption and waste disposal at "Obolon" PJSC", project of «Company «MT-Invest» LTD located in Kyiv, Ukraine, and applying the JI specific approach, on the basis of UNFCCC criteria for the JI, as well as criteria given to provide for consistent project operations, monitoring and reporting. 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.

The verification scope is defined as a periodic independent review and ex post determination by the Accredited Entity of the monitored reductions in GHG emissions during defined verification period, and 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 overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

The first output of the verification process is a list of Clarification, Corrective Actions Requests, Forward Actions Requests (CR, CAR and FAR), presented in Appendix A.

In summary, Bureau Veritas Certification confirms that the project is implemented as per determined 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. The GHG emission reduction is calculated accurately and without material errors, omissions, or misstatements, and the ERUs issued totalize 125846 tons of CO<sub>2</sub>eq for the monitoring period 01/01/2011 – 30/06/2011.

Our opinion relates to the project's GHG emissions and resulting GHG emission reductions reported and related to the approved project baseline and monitoring, and its associated documents.

Report No.: UKRAINE-ver/0290/2011	Subject Group: JI
Project title: Reduction of power consumption and waste disposal at "Obolon" PJSC	
Work carried out by: Oleg Skoblyk – Team Leader, Lead Verifier Kateryna Zinevych – Team Member, Lead Verifier	
Work reviewed by: Ivan Sokolov - Internal Technical Reviewer	
Work approved by: Flavio Gomes – Operational Manager	
Date of this revision: 23/08/2011	Rev. No.: 02
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*[Handwritten signatures and stamps]*

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Holding SAS

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## 1 INTRODUCTION

«Company «MT-Invest» LTD has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI project “Reduction of power consumption and waste disposal at “Obolon” PJSC” (hereafter called “the project”) located in the Kyiv city, Kyivska oblast, Ukraine.

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.

The objective of verification can be divided in Initial Verification and Periodic Verification.

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, corrective and/or forward actions may provide input for improvement of the project monitoring towards reductions in the GHG emissions.

### 1.3 Verification Team

The verification team consists of the following personnel:

Oleg Skoblyk

Bureau Veritas Certification Team Leader, Climate Change Lead Verifier

Kateryna Zinevych

Bureau Veritas Certification Team Member, Climate Change Lead Verifier



This verification report was reviewed by:

Ivan Sokolov  
Bureau Veritas Certification, Internal Technical Reviewer

## 2 METHODOLOGY

The overall verification, from Contract Review to Verification Report & Opinion, was conducted using Bureau Veritas Certification internal procedures.

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.

### 2.1 Review of Documents

The Monitoring Report (MR) Monitoring report «Reduction of power consumption and waste disposal at “Obolon” PJSC» version 1.0 dated 08/07/2011 submitted by «Company «MT-Invest» LTD and additional background documents related to the project design and baseline, i.e. country Law,) 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.

To address Bureau Veritas Certification further corrective action and clarification requests, «Company «MT-Invest» LTD revised the MR and resubmitted it on version 2.0 dated 23/08/2011, the latter MR version 2.0 is considered final.

The verification findings presented in this report relate to the Monitoring Reports versions 1.0 and 2.0 and project as described in the determined PDD.



## 2.2 Follow-up Interviews

On 11/07/2011 Bureau Veritas Certification performed on-site interviews with project stakeholders to confirm selected information and to resolve issues identified in the document review. Representatives of «Company «MT-Invest» LTD and “Obolon” PJSC were interviewed (see References). The main topics of the interviews are summarized in Table 1.

**Table 1 Interview topics**

Interviewed organization	Interview topics
“Obolon” PJSC	Organizational structure Responsibilities and authorities Roles and responsibilities for data collection and processing Installation of equipment Data logging, archiving and reporting Metering equipment control Metering record keeping system, database IT management Training of personnel Quality management procedures and technology Internal audits and check-ups
«Company «MT-Invest» LTD	Baseline methodology Monitoring plan Monitoring report Excel spreadsheets

## 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 Bureau Veritas Certification positive conclusion on the GHG emission reduction calculation.

If the Verification Team, in assessing the monitoring report 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;





(b) Clarification request (CL), requesting the project participants to provide additional information for the Verification Team 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.

The Verification Team will make an objective assessment as to whether the actions taken by the project participants, if any, satisfactorily resolve the issues raised, if any, and should conclude its findings of the verification.

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

### **3 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 05 Corrective Action Requests, 01 Clarification Requests, and 01 Forward Action Requests.

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

#### **3.1 Remaining issues and FARs from previous verifications**

There are no issues remaining after the prior determination/verification.

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#### **3.2 Project approval by Parties involved (90-91)**

Written project approval by the Ukraine #1914/23/7 dated 22/07/2011 has been issued by the State Environmental Investment Agency of Ukraine.

Written project approval by France (letter of approval for the project "Reduction of power consumption and waste disposal at "Obolon" PJSC" № 11-0804 5E DNter (DFP, DNA) dated 04/08/2011) has been issued by Ministry of Ecology, Sustainable Development, Transports and Housing.



The abovementioned written approvals are unconditional.

### **3.3 Project implementation (92-93)**

In accordance with the schedule of project implementation during 2011 the plant had implemented the following measures:

- reconstruction of the sparging drying system with the implementation of thermal energy from boiling condensate

It was assessed by Bureau Veritas verification team during the site visit that the project has been implemented in accordance with the PDD regarding which the determination has been deemed final.

Project equipment has been installed with minor deviations from the schedule and is fully operational.

Outstanding issues related to the Project implementation, PP's response and BV Certification's conclusion is described in Appendix A.

### **3.4 Compliance of the monitoring plan with the monitoring methodology (94-98)**

The monitoring occurred in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed final.

For calculating the emission reductions, key factors influencing the baseline emissions and the activity level of the project and the emissions as well as risks associated with the project were taken into account, as appropriate.

Data sources used for calculating emission reductions, such as calibrated measuring equipment, the study of standardized emission factors for the Ukrainian electricity grid, IPCC guidelines are clearly identified, reliable and transparent.

Emission factors, including default emission factors, are selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice.

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

Outstanding issues related to the Compliance of the monitoring plan with the monitoring methodology, PP's response and BV Certification's conclusion is described in Appendix A.





### **3.5 Revision of monitoring plan (99-100)**

Not applicable.

### **3.6 Data management (101)**

The implementation of data collection procedures is in accordance with the monitoring plan, including the quality control and quality assurance procedures.

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

Outstanding issues related to the Data management, PP's response and BV Certification's conclusion is described in Appendix.

### **3.7 Verification regarding programmes of activities (102-110)**

Not applicable.

## **4 VERIFICATION OPINION**

Bureau Veritas Certification has performed the periodic verification of the «Reduction of power consumption and waste disposal at "Obolon" PJSC» Project in Ukraine. 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 "Obolon" PJSC and «Company «MT-Invest» LTD 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 version 2.0 dated 10/06/2011. 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.

Bureau Veritas Certification verified the Project Monitoring Report version 2.0 dated 23/08/2011 for the reporting period as indicated below. Bureau Veritas Certification confirms that the project is implemented as planned and described in determined PDD. 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.

Bureau Veritas Certification can confirm that the GHG emission reduction is calculated without material 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 the following statement:

Reporting period: From 01/12/2011 to 30/06/2011

Baseline emissions	: 187635	t CO2 equivalents.
Project emissions	: 61789	t CO2 equivalents.
Emission Reductions	: 125846	t CO2 equivalents.



## 5 REFERENCES

### Category 1 Documents:

Documents provided by «Company «MT-Invest» LTD that relate directly to the GHG components of the project.

- /1/ PDD “Reduction of power consumption and waste disposal at “Obolon” PJSC” version 2.0 dated 10/06/2011.
- /2/ Monitoring Report for 01/01/2011-30/06/2011 “Reduction of power consumption and waste disposal at “Obolon” PJSC”, version 1.0 dated 08/07/2011.
- /3/ Monitoring Report for 01/01/2011-30/06/2011 “Reduction of power consumption and waste disposal at “Obolon” PJSC”, version 2.0 dated 23/08/2011.
- /4/ Excel-file “MR\_2011\_1\_Obolon\_v.1.xls”
- /5/ Letter of Approval #1914/23/7 for the project “Reduction of power consumption and waste disposal at “Obolon” PJSC” issued by State Environmental Investment Agency of Ukraine dated 22/07/2011.
- /6/ Letter of Approval № 11-0804 5E DNter (DFP, DNA) dated 04/08/2011 for the project “Reduction of power consumption and waste disposal at “Obolon” PJSC” issued by Ministry of Ecology, Sustainable Development, Transports and Housing, General Directorate for Energy and Climate - Climate and energy efficiency service - Carbon markets desk.

### Category 2 Documents:

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

- /1/ Decree of Cabinet of Ministers of Ukraine #206, dated 22/02/2006
- /2/ JISC Guidance on criteria for baseline setting and monitoring. Version 02.
- /3/ “Combined tool to identify the baseline scenario and demonstrate additionality” (Version 03.0.0)
- /4/ Glossary of Joint Implementation Terms, Version 03.
- /5/ Decree #43 on approval of indexes of specific carbon dioxide emissions in the year 2010 issued by NEIA dated 28.03.2011.
- /6/ Decree #62 on approval of indexes of specific carbon dioxide emissions in the year 2008 issued by NEIA dated 15.04.2011.
- /7/ Decree #63 on approval of indexes of specific carbon dioxide emissions in the year 2009 issued by NEIA dated 15.04.2011.
- /8/ Decree #75 on approval of indexes of specific carbon dioxide emissions in the year 2011 issued by NEIA dated 12.05.2011.
- /9/ Application of department chief for education of some categories of personnel of CJSC "Obolon" in 2011. Approved on 28.12.2010
- /10/ Article in the newspaper "Kyivska Pravda"

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- /11/ Assignment for design, production and assembling of assembling station and return of condensate after facilities for sparging dehydration dated 26.10.2010
- /12/ Conclusion №26/07.12.2010-0001 dated 10.01.2011 of state ecological expertise
- /13/ Contract №3 dated 26.10.2010
- /14/ Form 11-MPT for 2010
- /15/ Letter №2800/0/2-11 dated 28/07/2011
- /16/ Letter №2801/0/2-11 dated 28/07/2011
- /17/ Form 24 for 2010
- /18/ Hangover-takeover protocol on recuperation and vacuum evaporation facilities dated 16.09.2010
- /19/ Information on specific indicators waste generation and information on waste generation for the previous, current and next years draft for 2000
- /20/ Letter №06.07/3252/905 dated 20.05.2011 about relegalization of permission for pollutants wastes
- /21/ List of compressors of cooling-booster station for 01.01.2011
- /22/ Multifunctional electric meter EPQS 122.21.18LL. Reg.№623630. Passport
- /23/ Passport of boiler SEOG-604 Reg.№B-6296
- /24/ Permission for object operation beginning №3538.07.30-15.96.0 from 12.12.2007 until 12.12.2010
- /25/ Permission №8038000000-003 for pollutants emission into the atmospheric air from stationary sources dated 19.05.2011
- /26/ Permission №8038000000-003 for wastes placing in 2011 dated 14.06.2010
- /27/ Photo. Ammoniac compressor SAB 233. ИВ.№827422
- /28/ Photo. Ammoniac cooling station
- /29/ Photo. Compressor 2BM-27/9M2. Inv.№516791
- /30/ Photo. Compressor SAB 202 SM Inv.№525055
- /31/ Photo. Compressor SSRML-200-2S VFD Inv.№827421
- /32/ Photo. Condenser NK273/4000-4W. Registration №94
- /33/ Photo. Evaporating condenser. Inv.№803248
- /34/ Photo. Filtration department of fermentation workshop. Boiling workshop
- /35/ Photo. Granular sparging cooling department.
- /36/ Photo. KhKTs Senior Foreman room
- /37/ Photo. Leading ecology engineer's room
- /38/ Photo. List of protecting sets Champion Super
- /39/ Photo. Sanitary inspector's room. Radiology laboratory.
- /40/ Photo. Scheme of CJSC "Obolon" carbonic station reconstruction
- /41/ Photo. Scheme of CO2 supply of general production workshops OTEX-113.ОПП.00-TX
- /42/ Report on results of fuel, heat and electric power usage for 2009 dated 15.01.2010
- /43/ Scheme of CJSC "Obolon" general layout



- /44/ Statement of erection supervision work carried out according to the contract №74.2907-ERG-CHM dated 15.12.2009
- /45/ Statements on delivery of equipment into operation dated 28.10.2009
- /46/ Transfer certificate of permanent assets. Pump WILO ASP 200 CS 132/4
- /47/ Wastes and package materials accounting. Typical form N 1-BT started in January 2009
- /48/ Transfer certificate of permanent assets. Pump WILO ASP 200 CS 132/4

**Persons interviewed:**

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

- /1/ Ivan Gorban – Technical Director
- /2/ Sergiy Pustovit – Leading Energy Management
- /3/ Svitlana Bashmakova – Senior Engineer on Environmental Protection
- /4/ Oleksandr Solomenko – Head-refrigerating compressor plant
- /5/ Anatoliy Zakrevskiy – Chief power engineer
- /6/ Evgen Zuravliov – Director on Ecology projects



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## APPENDIX A: VERIFICATION PROTOCOL

## Check list for verification, according to the JOINT IMPLEMENTATION DETERMINATION AND VERIFICATION MANUAL (Version 01)

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
<b>Project approvals by Parties involved</b>				
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?	<p>The Ministry of Ecology, Sustainable Development, Transports and Housing, General Directorate for Energy and Climate - Climate and energy efficiency service - Carbon markets desk of France (Party involved which is not the host country) has issued a written project approval (letter of approval for the project "Reduction of power consumption and waste disposal at "Obolon" PJSC" № 11-0804 5E DNter (DFP, DNA) dated 04/08/2011).</p> <p><b><u>Corrective Action Request (CAR) 01:</u></b> Please, include in the Monitoring Report the detailed information on letters of approval issued by Parties involved.</p> <p><b><u>Corrective Action Request (CAR) 02:</u></b> Letter of Approval from sponsor Party is</p>	CAR01	OK
			CAR02	OK





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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
		not provided.		
91	Are all the written project approvals by Parties involved unconditional?	All the written project approvals by Parties involved are unconditional.	OK	OK
<b>Project implementation</b>				
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?	<p>The project has been implemented in accordance with the PDD listed on the UNFCCC JI website.</p> <p><b><u>Corrective Action Request (CAR) 03:</u></b> In the section A.2 of the Monitoring Report, registration number of the JI project is not indicated. Please, indicate JI reference registration number in the Monitoring Report.</p>	CAR03	OK
93	What is the status of operation of the project during the monitoring period?	<p>Project equipment has been installed with minor deviations from the schedule and is fully operational.</p> <p>It has been seen on site and can be proved by the verification team.</p>	OK	OK
<b>Compliance with monitoring plan</b>				
94	Did the monitoring occur in accordance with the monitoring plan included in the PDD regarding which the determination has been deemed	Yes, the monitoring occurs in accordance with the monitoring plan included in the PDD.	OK	OK



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	final and is so listed on the UNFCCC JI website?			
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 project taken into account, as appropriate?	Yes, all relevant key factors were taken into account, as appropriate.	OK	OK
95 (b)	Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent?	<p><b><u>Clarification Request (CL) 01:</u></b> Form 24 which is source of data on heat and electricity consumption for 2000 was not provided to verification team. Please provide.</p> <p><b><u>Corrective Action Request (CAR) 04:</u></b> Please specify numbers of formulas and Figures in MR.</p> <p><b><u>Corrective Action Request (CAR) 05:</u></b> Please provide references on relevant excel spreadsheets with calculations in</p>	<p>CL01</p> <p>CAR04</p> <p>CAR05</p>	<p>OK</p> <p>OK</p> <p>OK</p>



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
		<p>section C of MR.</p> <p><b>Forward Action Request (FAR) 01:</b> During the next verification must be reviewed and compared the data used in the proposed MR with values of relevant parameters in the annual reporting forms for 2011.</p>	FAR01	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?	Yes, emission factors selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice.	OK	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 reductions based on conservative assumptions and the most plausible scenarios in a transparent manner.	OK	OK
<b>Applicable to JI SSC projects only</b>				
96	Is the relevant threshold to be classified as JI SSC project not	N/A	N/A	N/A



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	<p>exceeded during the monitoring period on an annual average basis?</p> <p>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?</p>			
<b>Applicable to bundled JI SSC projects only</b>				
97 (a)	Has the composition of the bundle not changed from that is stated in F-JI-SSCBUNDLE?	N/A	N/A	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	N/A	N/A
98	<p>If the monitoring is based on a monitoring plan that provides for overlapping monitoring periods, are the monitoring periods per component of the project clearly specified in the monitoring report?</p> <p>Do the monitoring periods not</p>	N/A	N/A	N/A



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	overlap with those for which verifications were already deemed final in the past?			
<b>Revision of monitoring plan</b>				
<b>Applicable only if monitoring plan is revised by project participant</b>				
99 (a)	Did the project participants provide an appropriate justification for the proposed revision?	N/A	N/A	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	N/A	N/A
<b>Data management</b>				
101 (a)	Is the implementation of data collection procedures in accordance with the monitoring plan, including the quality control and quality assurance procedures?	N/A	N/A	N/A
101 (b)	Is the function of the monitoring	N/A	N/A	N/A



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	equipment, including its calibration status, is in order?			
101 (c)	Are the evidence and records used for the monitoring maintained in a traceable manner?	N/A	N/A	N/A
101 (d)	Is the data collection and management system for the project in accordance with the monitoring plan?	N/A	N/A	N/A
<b>Verification regarding programs of activities (additional elements for assessment)</b>				
102	Is any JPA that has not been added to the JI PoA not verified?	N/A	N/A	N/A
103	Is the verification based on the monitoring reports of all JPAs to be verified?	N/A	N/A	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	N/A	N/A
104	Does the monitoring period not overlap with previous monitoring periods?	N/A	N/A	N/A
105	If the AIE learns of an erroneously included JPA, has	N/A	N/A	N/A





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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	the AIE informed the JISC of its findings in writing?			
<b>Applicable to sample-based approach only</b>				
106	<p>Does the sampling plan prepared by the AIE:</p> <p>(a) Describe its sample selection, taking into account that:</p> <p>(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:</p> <ul style="list-style-type: none"> <li>- The types of JPAs;</li> <li>- The complexity of the applicable technologies and/or measures used;</li> <li>- The geographical location of each JPA;</li> <li>- The amounts of expected</li> </ul>	N/A	N/A	N/A



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	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?			
107	Is the sampling plan ready for publication through the secretariat along with the verification report and supporting documentation?	N/A	N/A	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 the square root of the number of total JPAs, rounded to the upper whole number, then does the AIE provide a reasonable explanation	N/A	N/A	N/A



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DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	and justification?			
109	Is the sampling plan available for submission to the secretariat for the JISC.s ex ante assessment? (Optional)	N/A	N/A	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	N/A	N/A



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**Table 2 Resolution of Corrective Action and Clarification Requests**

Draft report clarifications and corrective action requests by validation team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
<b>Corrective Action Request (CAR) 01:</b> Please, include in the Monitoring Report the detailed information on letters of approval issued by Parties involved.	Item 90	The information on the approval by Parties involved has been included to the Section A.2 of the Monitoring Report.	Based on the information added to the Monitoring Report, CAR 01 is closed.



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<p><b>Corrective Action Request (CAR) 02:</b> Letter of Approval from sponsor Party is not provided.</p>	Item 90	<p>The Ministry of Ecology, Sustainable Development, Transports and Housing, General Directorate for Energy and Climate - Climate and energy efficiency service - Carbon markets desk of France (Party involved which is not the host country) has issued a written project approval (letter of approval for the project "Reduction of power consumption and waste disposal at "Obolon" PJSC" № 11-0804 5E DNter (DFP, DNA) dated 04/08/2011). Relevant information was included to MR.</p>	<p>Due to the amendments made in the Monitoring Report, the issue is closed.</p>
<p><b>Corrective Action Request (CAR) 03:</b> In the section A.2 of the Monitoring Report, registration number of the JI project is not indicated. Please, indicate JI reference registration number in the Monitoring Report.</p>	Item 92	<p>Registration number UA1000275 has been indicated in the Section A.2 of the Monitoring Report.</p>	<p>Based on the corrections made in the Monitoring Report, CAR 03 is closed.</p>
<p><b>Corrective Action Request (CAR) 04:</b> Please specify numbers of formulas and Figures in MR.</p>	Item 95 (b)	<p>Numbers of formulas and Figures were specified.</p>	<p>The issue is closed due to the amendments made in the Monitoring Report.</p>



## VERIFICATION REPORT

<b><u>Corrective Action Request (CAR) 05:</u></b> Please provide references on relevant excel spreadsheets with calculations in section C of MR.	Item 95 (b)	MR was corrected. See MR version 2.0.	Due to the corrections made, CAR 05 is closed.
<b><u>Clarification Request (CL) 01:</u></b> Form 24 which is source of data on heat and electricity consumption for 2000 was not provided to verification team. Please provide.	Item 95 (b)	In connection with the loss of reporting documents for 2000, the relevant information has been restored on the basis of electronic and paper databases of the Main Power. Databases have been provided determination group to test for a visit to the company. Also, determination group were given a letter of 07.28.2011 № 2800/0/2-11 which confirms the data used in calculations.	Due to the provided data issue was closed.
<b><u>Forward Action Request (FAR) 01:</u></b> During the next verification must be reviewed and compared the data used in the proposed MR with values of relevant parameters in the annual reporting forms for 2011.	Item 95 (b)	Pending.	Pending.