VERIFICATION REPORT
CLIMATE PROTECTION BUREAU LLP

VERIFICATION OF THE REALISATION OF A COMPLEX OF ENERGY SAVING ACTIVITIES AT THE "FERREXPO POLTAVA MINING"

REPORT NO. UKRAINE-VER/0473/2012

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BUREAU VERITAS CERTIFICATION

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VERIFICATION REPORT

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Client:	**Client ref.:**
Climate Protection Bureau LLP	Viktor Khalabuzar

Summary:

Bureau Veritas Certification has made 2nd periodic verification of the "Realisation of a complex of energy saving activities at the Ferrexpo Poltava Mining", project of Climate Protection Bureau LLP located in Komsomolsk city, Poltava Region, Ukraine, and applying 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 monitoring report against 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 emission reductions issued totalize 501199 tonnes of CO_2 equivalent for the monitoring period from 01/01/2008 to 31/12/2008.

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.:	Subject Group:
UKRAINE-ver/0473/2012	JI
Project title:	
"Realisation of a complex of energy saving activities at the Ferrexpo Poltava Mining"	
Work carried out by:	
Kateryna Zinevych – Team Leader, Lead Verifier Vyacheslav Yeriomin – Team Member, Verifier	
Work reviewed by:	
Ivan Sokolov – Internal Technical Reviewer	
Work approved by:	
Ivan Sokolov – Operational Manager	

Bureau Veritas Certification Holding SAS

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1 INTRODUCTION

Climate Protection Bureau LLP has commissioned Bureau Veritas Certification to verify the emissions reductions of its JI project "Realisation of a complex of energy saving activities at the Ferrexpo Poltava Mining" (hereafter called "the project") at Komsomolsk city, Poltava Region, 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, monitoring plan and monitoring report, 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:

Kateryna Zinevych
Bureau Veritas Certification Team Leader, Climate Change Verifier

Vyacheslav Yeriomin
Bureau Veritas Certification Climate Change 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) submitted by Climate Protection Bureau LLP and additional background documents related to the project design and baseline, i.e. country Law, Project Design Document (PDD), and 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 versions 01, 02, and 03 and project as described in the determined PDD.

2.2 Follow-up Interviews

On 27-29/09/2011 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 Climate Protection Bureau LLP and “Ferrexpo

Poltava Mining" were interviewed (see References). The main topics of the interviews are summarized in Table 1.

Table 1 Interview topics

Interviewed organization	Interview topics
"Ferrexpo Poltava Mining"	Organizational structure. Responsibilities and authorities. Training of personnel. Quality management procedures and technology. Implementation of equipment (records). Metering equipment control. Metering record keeping system, database.
Consultant: Climate Protection Bureau LLP	Baseline methodology. Monitoring plan. Monitoring report. Deviations from PDD.

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 9 Corrective Action Requests and 2 Clarification 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

CAR 09 (absence of the Letters of Approval from both Parties) was raised during determination process. Please see Determination report UKRAINE-det/0354/2011 "Realization of a complex of energy saving activities at Ferrexpo Poltava Mining" dated 01/11/2011 issued by Bureau Veritas Certification.

Letters of Approval from the both Parties were received. The CAR is closed now.

3.2 Project approval by Parties involved (90-91)

Written project approval by Great Britain Letter of Approval EA/CFCarbon/01/2012 dated 22/05/2012 has 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.

Letter of Approval from Host Parties DFP from State Environmental Investment Agency of Ukraine #3600/23/7 was issued 13/12/2011.

The abovementioned written approval is unconditional.

Outstanding issues relevant to the project approval by the Parties involved are described in the Verification Protocol below (Tables 1 and 2). Please see CAR 01.

3.3 Project implementation (92-93)

Project activity is aimed at improvement in power efficiency of the plant by the implementation of 3 subprojects.

1. Reduction of diesel fuel specific consumption during mining rock transportation – aimed at the reduction in diesel fuel burnt by dump trucks which transport mining rock. Diesel fuel specific consumption reduction may be achieved due to the replacement of present heavy dump trucks by new dump trucks with more efficient engines. During the project activity it is planned to replace about 150 dump trucks. Reduction in fuel consumption during transportation of mining rock will result in reduction of greenhouse gas emissions. During the period of 2008 20 dump trucks were replaced (pl. see MR version 03, Table 2).

2. Modernization of iron ore concentrate production – aimed at establishing of high-efficient equipment and optimization of technological processes, which will allow reducing the consumption of electric energy during the production of iron ore concentrate. Reduction in electric energy consumption will allow to reduce energy consumption from UETG, which will result in decrease in fuel consumption for energy production and, correspondingly, reduction in greenhouse gas emissions at the power plants of Ukraine. Please find list of the implemented measures below:

Table 1

Name of the phase	Beginning of work	End of work
Modernization of iron ore concentrate production		
The change of the technological scheme of iron ore concentrate production from 3-stage crushing process into 2-stage crushing process by installation of Barmac B-9100 crushers	18/02/2000	15/07/2009
Implementation of the automatic control system of Barmac B-9100 crushers loading	12/03/2001	17/12/2010
Replacement of TK-15 apron feeders by PF 12,5/20-45 vibrating feeders with less power of electric drive	15/03/2002	11/02/2008

Replacement of ГИТ-51Н single-deck screens by SKH6.08*2K double-deck screens	14/01/2004	24/03/2008
Replacement of DS1224-65 separators by СБаМ-0,9/2,5П and СБСМ-1,2/2,5П separators	14/01/2004	15/07/2009
Implementation of automated system for КМДТ and КСДТ crushers loading	22/11/2005	15/12/2008
Replacement of 12Гр pumps by Metso company XR350 and MR350 pumps	21/11/2006	15/07/2009
A complex automation of crushed iron ore grinding sections #10-15 using ACS TP on the basis of Mitsubishi company equipment	20/09/2006	01/11/2014
Modernization of Д6300/80 pumping units at OHC-1 water recycling stations by installing new pump impellers	10/07/2008	02/07/2009
Change in technology of industrial water supply to the concentrating mills #1 and #2	25/06/2008	31/03/2012
Modernization of Д6300/80 pumping units at OHC-2 water recycling stations by installing new pump impellers	27/07/2007	07/04/2008
Reconstruction of crushed iron ore grinding sections #1-8 by the replacement of present МСЦ3.6*5.5 and МШР4*5 mills by МСЦ3.85*5.5 and МШР4.43*5.01 mills	16/08/2008	20/03/2010

3. Modernization of pellets production – the aim of modernization is the establishment of high-efficient equipment and optimization of technological processes, which will allow to reduce consumption in electric power and natural gas during the pellets production. Reduction in electricity consumption will allow to reduce its consumption from UETG leading to reduction in fuel consumption for the electric power production and, correspondingly, to the decrease in greenhouse emissions by power plants of Ukraine. Reduction in volumes of natural gas consumption during the pellets production will lead to decrease in greenhouse gas emissions. Please find list of the implemented measures below:

Table 2

Name of the phase	Beginning of work	End of work
Modernization of pellets production		
Reconstruction of roller screens at the technological lines ##1-4 pelletizing section	11/10/2006	22/06/2009
Reconstruction of the seal of the tube furnaces ##1-4 unloading part by establishing the SUPERDEAL seal	09/01/2007	25/12/2014

As per the measures described above project was partly operational for the whole monitoring period of 2008.

At the same time project deviates from the one described in the determined PDD in the issues of the amount of the Emission Reduction Units. The ones stated in the PDD differ from the ERUs calculated in PDD. This difference is caused by the fact that in the PDD calculation of ERUs was performed on the basis of the annual average value of natural gas in accordance with the monthly data provided by the natural gas supplier, and in the MR detailed calculation was performed on the basis of the monthly calculation of ERUs and in accordance with that monthly value of NCV was used according to the defined monitoring plan. Also the numeric value of carbon amount in natural gas was updated due to the publication of the updated version of "National inventory report of anthropogenic emissions by sources and removals by sinks of GHG's in Ukraine for 1990-2010" dated 13/04/2012 (hereinafter – "National Inventory Report of Ukraine"), which led to the difference in the AAUs amount.

Outstanding issues relevant to the project implementation are described in the Verification Protocol below (Tables 1 and 2). Please see CAR 02, 03, 04 and CL 01.

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

The monitoring occurred in accordance with the revised monitoring plan included in the Monitoring Report version 03. Determination of the revision to the registered Monitoring Plan is presented below in the Section 3.5.

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 plant records, National Inventory of Ukraine, IPCC 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.

No outstanding issues relevant to the compliance of the monitoring plan with the monitoring methodology were raised.

3.5 Revision of monitoring plan (99-100)

The project participants provided an appropriate justification for the proposed revision, which is natural gas net calorific value determination. Determination of this parameter for emissions calculation is performed on the basis of monthly Certificates on natural gas quality physical and chemical characteristics, provided by gas supplier. For calculations provided in the PDD the average value of the given parameter was calculated for each year of reported monitoring period, calculations in the PDD were conducted with applying obtained average annual value. In monitoring plan calculation was done separately for each month of the monitoring period in accordance with chosen monitoring plan, as the result more precise data were received, that differ insignificantly from the estimated results provided in the PDD.

The proposed revision improves the accuracy and 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.

Outstanding issues relevant to the revision of monitoring plan are described in the Verification Protocol below (Tables 1 and 2). Please see CL 02.

3.6 Data management (101)

Key monitoring activities as for all three subprojects are:

- calculation of the vehicles freight turnover during mining rock transportation

- measurement of the quantity of diesel fuel combustion in mining rock transportation;
- calculation of iron ore concentrate amount produced;
- measurement of the quantity of electric energy consumption in the process of iron ore concentrate production;
- measurement of pellets amount produced;
- measurement of the quantity of electric energy consumption in the process of pellets production;
- measurement of the quantity of natural gas combustion in the process of pellets production;
- measurement of the natural gas net calorific value.

Measurement of the quantity of electric energy consumption in the process of iron ore concentrate production and measurement of the quantity of electric energy consumption in the process of pellets production is performed by the relevant electricity metering units.

Measurement of the quantity of natural gas combustion in the process of pellets production is taken by the gas metering units.

The calculation of the vehicles freight turnover during mining rock transportation is made according to results of measurement of the mining rock transportation amount and transportation distance. The calculation results are registered in the "Report on materials consumption standard performance".

The measurement of the quantity of diesel fuel is made by the relevant measurement equipment and registered in the "Report on materials consumption standard performance ".

The calculation of the produced iron ore concentrate amount is made according to the “Instructions on compiling the average monthly goods turnover balance of the metal in the mining and iron ore processing processes”. The calculation results are registered in the "Fact sheet on goods turnover ".

The measurement of the produced pellets amount is made by the relevant measurement equipment and registered in the "Fact sheet on goods turnover ".

The measurement of the natural gas net calorific value provided the natural gas supplier DC “Ukrtransgas” UMG “Cherkasytransgas" monthly. The natural gas net calorific value is given in "Certificate on natural gas quality physical and chemical characteristics ".

The data and their sources, provided in monitoring report, are clearly identified, reliable and transparent.

The results measuring and archiving are responsibility of the technical personnel. Technical personnel submit the results of measurements to the monitoring group for work coordination to estimate greenhouse gases emissions reduction. Estimation of emission reduction performing the developer of Joint implementation project. The functions of the monitoring group also include collection of non-measured data which are also subject to the monitoring. The monitoring group must make back-up copy of monitoring data which should be stored apart from the main data to avoid their loss in case of force majeure.

All information about monitoring and corrective measures must be archived for future verification of emissions reduction level. The head of the monitoring group is responsible for preparation and archiving of monitoring reports. The Chairman of the Board analyses general monitoring data and relevant documentation on periodic basis.

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 revised monitoring plan.

The structure of the monitoring group, its functions and obligations identified by order of the General Director of Ferrexpo Poltava Mining #1350 dated 29/12/2003 .

The General director of the Ferrexpo Poltava Mining appoints personnel responsible for operation and maintenance of technical equipment needed for the project. Their responsibilities also include registration of all data necessary for monitoring. The head of the monitoring group will be technical director-head of technical department of the Ferrexpo Poltava Mining. The monitoring will be conducted in close collaboration with technical personnel and will include the monitoring itself and also analysis and archiving of all data indicated in the previous section. The responsibilities of the monitoring group will also include work coordination to estimate emissions reduction level. Under the order of the Head of the monitoring group, estimation of emission reduction shall be

performed by the developer of Joint implementation project. Periodic data on energy resources consumption will be compared with relevant registered data taken from the technical personnel to approve data credibility. In case of inconsistency of these data the cause of its appearance must be found in collaboration with the technical personnel. If the discrepancy of monitoring data is found, monitoring system of relevant data must be corrected.

The head of the monitoring group is responsible for preparation and archiving of monitoring reports. The General director analyses general monitoring data and relevant documentation on periodic basis.

Collection of operational monitoring data to be measured is covered by responsibilities of technical personnel. Technical personnel make registration of the measuring results in special operational logbooks. The head of monitoring group is responsible for monitoring data collection. Developer of the JI project collects monitoring data that are not to be measured, but are used to calculate emission reduction units. Technical personnel compose corresponding monthly operational reports on the basis of the summarized operational data; these reports are the main source for emission reduction units calculation and monitoring reports composition. Copies of monthly operational reports are transferred to the monitoring group.

The monitoring data is kept during the whole crediting period and 2 year after the last charge of emission reduction unit.

Outstanding issues relevant to the data management are described in the Verification Protocol below (Tables 1 and 2). Please see CAR 05, 06, 07, 08 and 09.

3.7 Verification regarding programmes of activities (102-110)

Not applicable.

4 VERIFICATION OPINION

Bureau Veritas Certification has performed 2nd periodic verification of the “Realisation of a complex of energy saving activities at the Ferrexpo Poltava Mining” Project in Komsomolsk city, Poltava Region, Ukraine, which applies JI specific approach. 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 monitoring report against 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 name of the company 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 Plan as per determined changes. 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 03 for the reporting period as indicated below. Bureau Veritas Certification confirms that the project is implemented as per determined changes (natural gas net calorific value determination, see Section 3.5 of this report). 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 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 01/01/2008 to 31/12/2008

Baseline emissions :2456522 tonnes of CO_2 equivalent.

Project emissions :1955323 tonnes of CO_2 equivalent.

Emission Reductions : 501199 tonnes of CO_2 equivalent.

Emission Reductions achieved during the monitoring period slightly differ from the ones assumed in the determined PDD version 07. Please see the table below:

Table 3

	PDD	MR
2008	500956	501199

First of all this difference is caused by the fact that in the PDD calculation of ERUs was performed on the basis of the annual average value of natural gas in accordance with the monthly data provided by the natural gas supplier, and in the MR detailed calculation was performed on the basis of the monthly calculation of ERUs and in accordance with that monthly value of NCV was used according to the defined monitoring plan. Also the numeric value of carbon amount in natural gas was updated due to the publication of the updated version of "National inventory report of anthropogenic emissions by sources and removals by sinks of GHG's in Ukraine for 1990-2010" dated 13/04/2012 (hereinafter – "National Inventory Report of Ukraine"), which led to the difference in the ERUs amount.

5 REFERENCES

Category 1 Documents:
Documents provided by Climate Protection Bureau LLP that relate directly to the GHG components of the project.

/1/ MR «Realization of a complex of energy saving activities at Ferrexpo Poltava Mining», version 01.
/2/ MR «Realization of a complex of energy saving activities at Ferrexpo Poltava Mining», version 02.
/3/ MR «Realization of a complex of energy saving activities at Ferrexpo Poltava Mining», version 03.
/4/ Determination and Verification Manual, version 01
/5/ Calculations of Emission Reductions, version 02
/6/ Letter of Approval from State Environmental Investment Agency of Ukraine #3600/23/7 dated 13/12/2011
/7/ Letter of Approval from Environment Agency EA/CFCarbon/01/2012 dated 22/05/2012

Category 2 Documents:
Background documents related to the design and/or methodologies employed in the design or other reference documents.

1. Passport on carriage scales type 17,120/127 “OWA” (Germany), serial #980378
2. Passport on carriage scales type 17,120/127 “OWA” (Germany), serial #980379
3. Passport on carriage scales type ЕрМак ВВ-200-2-50, serial #935
4. Passports on measuring equipment of gas metering unit, GMU-1
5. Passport on resistance transmitter type ТСМ 0890, serial #395, GMU-1
6. Passports on measuring equipment of gas metering unit, GMU-2
7. Passport on resistance transmitter type ТСМ 0890, without serial #, GMU-2
8. Passports on measuring equipment of gas metering unit, GMU-3
9. Passport on resistance transmitter type ТСМ 1088, serial #026-01, GMU-3
10. Passports on measuring equipment of gas metering unit, GMU-4
11. Passport on resistance transmitter type ТСМ 1088, serial #430-38, GMU-4
12. Passports on measuring equipment of gas metering unit, GMU-5
13. Passport on resistance transmitter type ТСМ 1088, serial #086-83, GMU-5
14. Passports on measuring equipment of gas metering unit, GMU-6
15. Passport on resistance transmitter type ТСП 1088, without serial #, GMU-6
16. Technical description of resistance transmitters type ТСМ, ТСП
17. Passport on meter type ДП ППО-40-0,6 СУ, serial #01003 (fuel

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24. Photo – fuel servicing truck #249
25. Passport on meter type ДП ППО-40-0,6 СУ, serial #01004 (fuel servicing truck #250)
26. Passport on fuel servicing truck #250
27. Photo – meter type ДП ППО-40-0,6 СУ, serial #01004 (fuel servicing truck #250)
28. Photo – fuel servicing truck #250
29. Calibration protocol on electricity metering unit equipment, EMU-1
30. Calibration protocol on electricity metering unit equipment, EMU-2
31. Calibration protocol on electricity metering unit equipment, EMU-3
32. Calibration protocol on electricity metering unit equipment, EMU-4
33. Calibration protocol on electricity metering unit equipment, EMU-5
34. Calibration protocol on electricity metering unit equipment, EMU-6
35. Calibration protocols on electricity metering unit equipment, EMU-7
36. Calibration protocols on electricity metering unit equipment, EMU-8
37. Calibration protocols on electricity metering unit equipment, EMU-9
38. Calibration protocols on electricity metering unit equipment, EMU-10
39. Calibration protocol on electricity metering unit equipment, EMU-11
40. Calibration protocols on electricity metering unit equipment, EMU-14
41. Calibration protocols on electricity metering unit equipment, EMU-15
42. Calibration protocols on electricity metering unit equipment, EMU-15 after 07.2011
43. Calibration protocols on electricity metering unit equipment, EMU-16
44. Calibration protocols on electricity metering unit equipment, EMU-17
45. Calibration protocols on electricity metering unit equipment, EMU-18
46. Calibration protocols on electricity metering unit equipment, EMU-19
47. Calibration protocols on electricity metering unit equipment, EMU-20
48. Calibration protocols on electricity metering unit equipment, EMU-21

49. Calibration protocols on electricity metering unit equipment, EMU-22
50. Calibration protocols on electricity metering unit equipment, EMU-23
51. Calibration protocols on electricity metering unit equipment, EMU-24
52. Calibration protocols on electricity metering unit equipment, EMU-24 after 07.2011
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77. Finished product turnover note for 2009
78. Finished product turnover note for 2010
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80. Certificate on state registration of HD-785-5 Komatsu dump trucks for 2003
81. Technical passports on HD-785-5 Komatsu dump trucks for 2003
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100. Technical passports on CATERPILLAR-785D dump trucks for 2011
101. Certificate on state registration of CATERPILLAR-785D dump trucks for 2011
102. Technical passports on Hitachi EH-3500 dump trucks for 2011
103. Certificate on state registration of Hitachi EH-3500 dump trucks for 2011
104. Permit on emissions #5310200000-58 dated 01/12/2008, issued by the Ministry of Environmental Protection of Ukraine, valid from 01/12/2008 till 01/12/2013
105. Permit on emissions #5310200000-59 dated 18/12/2008, issued by the Ministry of Environmental Protection of Ukraine, valid from 01/12/2008 till 18/12/2013

106. Permit on emissions #5310200000-60 dated 01/12/2008, issued by the Ministry of Environmental Protection of Ukraine, valid from 01/12/2008 till 01/12/2013
107. Permit on emissions #5310200000-74 dated 16/06/2010, issued by the Ministry of Environmental Protection of Ukraine, valid from 16/06/2010 till 18/12/2013
108. Certificate on legal right to conduct calibrations, issued to O. Brynza
109. Certificate on legal right to conduct calibrations, issued to I. Krokhmaliov
110. Certificate on legal right to conduct calibrations, issued to H. Maryniak
111. Report on air protection for 2010 (Form 2-ТП, air)
112. 4-МТП, Report on energetic and oil processing products for January-December 2010 (4-МТП form)
113. Instruction on concentrate amount calculation
114. Order on monitoring team for 2003
115. Order on monitoring team for 2011
116. Monitoring procedure
117. Certificate #0295КФ on Laboratory attestation, valid from 25/01/2010 till 24/01/2013
118. Energy Supply of Poltava Mining and Beneficiation Plant and Methods of Energy Resources Economy, Hornyi Zhurnal magazine
119. Article in media concerning project implementation
120. Protocol #29 dated 18/06/2002 on scientific and technical council meeting
121. Photo – CATERPILLAR-777D
122. Photo – HD785-5 Komatsu
123. Photo – CATERPILLAR-785C
124. Photo – Hitachi EH-3500
125. Photo – Белаз75145
126. Technical council meeting protocol dated 15/03/2002
127. Acceptance-transmitting statements on PF 12,5/20-45 vibrating feeders
128. Passports on PF 12,5/20-45 vibrating feeders
129. Photo – PF 12,5/20-45 vibrating feeders
130. Protocol #8 dated 09/02/2000 on scientific and technical council meeting
131. Passport on H-4000 crusher, serial #5334
132. Passport on H-4000 crusher, serial #5746
133. Passport on H-4000 crusher, serial #10679
134. Passport on H-6800
135. Photo - H-4000 crusher
136. Acceptance-transmitting statements on H-4000 and H-6800 crusher
137. Passport on S-4000 crusher, serial #5333
138. Passport on S-4000 crusher, serial #5681
139. Passport on S-4000 crusher, serial #5745
140. Passport on S-4000 crusher, serial #10712

141. Passport on S-4000 crusher, serial #10904
142. Photo - S-4000 crusher
143. Acceptance-transmitting statements on S-4000 crusher
144. Protocol #68 dated 01/07/2009 on scientific and technical council meeting
145. Protocol #3 dated 14/01/2004 on scientific and technical council meeting
146. Passport on SKH6.0*2K double-deck screens, serial #001
147. Passport on SKH6.0*2K double-deck screens, serial #002
148. Passport on SKH6.0*2K double-deck screens, serial #003
149. Passport on SKH6.0*2K double-deck screens, serial #004
150. Passport on SKH6.0*2K double-deck screens, serial #005
151. Passport on SKH6.0*2K double-deck screens, serial #5
152. Passport on SKH6.0*2K double-deck screens, serial #6
153. Passport on SKH6.0*2K double-deck screens, serial #7
154. Passport on SKH6.0*2K double-deck screens, serial #8
155. Passport on SKH6.0*2K double-deck screens, serial #9
156. Passport on SKH6.0*2K double-deck screens, serial #10
157. Acceptance-transmitting statements on SKH6.0*2K double-deck screens
158. Passport on СБаМ-0,9/2,5П separators
159. Passport on СБСМ-1,2/2,5П separators
160. Photo – СБСМ-1,2/2,5П separator
161. Acceptance-transmitting statements on СБаМ-0,9/2,5П separator
162. Order #352 dated 16/08/2008 at СВР
163. Passport on МСЦ-3850x5500-УХЛ4 mill
164. Photo – МСЦ-3850x5500-УХЛ4 mill
165. Passport on МШР-4430x5010-УХЛ4 mill
166. Photo – МШР-4430x5010-УХЛ4 mill
167. Acceptance-transmitting statements on МСЦ-3850x5500-УХЛ4 and МШР-4430x5010-УХЛ4 mills
168. Acceptance-transmitting statements on 28 Metso pumps
169. Protocol #65 dated 21/11/2006 on scientific and technical council meeting
170. Passports on 10 MR 350 FFP pumps
171. Passports on 18 XR 350 FFP pumps
172. Photo – MR350 FFP pump (Metso company)
173. Photo – XR350 FFP pump (Metso company)
174. Agreement #638/1123/4603 dated 10/07/2008
175. Project on OHC-1 pumps working wheel
176. Statement dated 02/07/2009 on conducted work
177. Agreement #615/1453/4603 dated 27/07/2007
178. Project on OHC-2 pumps working wheel
179. Statement dated 07/04/2008 on conducted work
180. Protocol #42 dated 20/09/2006 on scientific and technical council meeting
181. Acceptance-transmitting statements and technical documentation, section #10

182. Acceptance-transmitting statements and technical documentation, section #11
183. Acceptance-transmitting statements and technical documentation, section #15
184. Photo – automatic control system panel, section #10
185. Photo – automatic control system panel, section #11
186. Photo – automatic control system panel before project implementation
187. Protocol #10 dated 18/02/2000 on scientific and technical council meeting
188. Acceptance-transmitting statements on Barmac 9000 crusher
189. Photo – Barmac 9000 crusher
190. Passport on Barmac 9000 XHD crusher, serial #TCL 657
191. Passport on Barmac 9000 XHD crusher, serial #TCL 751
192. Passport on Barmac 9000 XHD crusher, without serial #
193. Passport on Barmac 9000 XHD crusher, serial #TM 1035.08
194. Passport on Barmac B-9100 crusher, without serial #
195. Protocol #58 dated 25/06/2008 on scientific and technical council meeting
196. Protocol #62 dated 20/11/2006 on scientific and technical council meeting
197. Acceptance-transmitting statements on automated system for КМДТ and КСДТ crushers loading
198. Photo – Block of automated system for КМДТ and КСДТ crushers loading
199. Technical description of automated system for КМДТ and КСДТ crushers loading
200. Protocol #13 dated 12/03/2001 on scientific and technical council meeting
201. Acceptance-transmitting statements on automated system for Barmac crushers loading
202. Photo – Block of automated system for Barmac B-9100 crushers loading
203. Technical description on automated system for Barmac crushers loading
204. Order #537 dated 13/08/2005 at СВР
205. Acceptance-transmitting statements on FR-F740 thyristor frequency converter for 8ГрК pumps
206. Passport on FR-F740 thyristor frequency converter
207. Photo – FR-F740 thyristor frequency converter for 8ГрК pumps
208. Protocol #81 dated 05/08/2009 on scientific and technical council meeting
209. Protocol #3 dated 09/01/2007 on scientific and technical council meeting
210. Order #152 dated 11/10/2000 at РР
211. Acceptance-transmitting statements on screens of 1st technological line
212. Acceptance-transmitting statements on screens of 2nd

technological line

213. Acceptance-transmitting statements on screens of 3d technological line
214. Acceptance-transmitting statements on screens of 4th technological line
215. Passport on BP 88-72,1-4 electric vent
216. Passport on ВЦ 6-28 #10 electric vent, fabrication #1501-08
217. Passport on ВЦ 6-28 #10 electric vent, fabrication #4076
218. Passport on ВЦ 6-28 #10 electric vent, fabrication #4077
219. Passport on ВЦ 6-28 #10 electric vent, fabrication #4078
220. Passport on ВЦ 6-28 #10 electric vent, fabrication #4079
221. Passport on ВЦ 6-28 #10 electric vent, fabrication #4081
222. Passport on ВЦ 6-28 #10 electric vent, fabrication #4082
223. Acceptance-transmitting statements on electric vents
224. Protocol dated 10/01/2000 of technical meeting at PP chief engineer's
225. Photo – the SUPERDEAL seal of the tube furnace #1
226. Acceptance-transmitting statements on seal of the tube furnace #1
227. Photo – the SUPERDEAL seal of the tube furnace #2
228. Acceptance-transmitting statements on seal of the tube furnace #2
229. Photo – the SUPERDEAL seal of the tube furnace #3
230. Acceptance-transmitting statements on seal of the tube furnace #3
231. Photo – the SUPERDEAL seal of the tube furnace #4
232. Acceptance-transmitting statements on seal of the tube furnace #4
233. Report on materials consumption (at Mining Transport Shop) standards fulfillment for 1999 (yearly data)
234. Report on materials consumption (at Mining Transport Shop) standards fulfillment for 2000 (yearly data)
235. Report on materials consumption (at Mining Transport Shop) standards fulfillment for 2001 (yearly data)
236. Report on materials consumption (at Mining Transport Shop) standards fulfillment for 2002 (yearly data) Report on materials consumption (at Mining Transport Shop) standards fulfillment for 2000 (yearly data)
237. Report on materials consumption (at Mining Transport Shop) standards fulfillment for 2003 (yearly data)
238. Report on materials consumption (at Mining Transport Shop) standards fulfillment for January 2004
239. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2004
240. Report on materials consumption (at Mining Transport Shop) standards fulfillment for March 2004
241. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2004
242. Report on materials consumption (at Mining Transport Shop) standards fulfillment for May 2004
243. Report on materials consumption (at Mining Transport Shop) standards fulfillment for June 2004

244. Report on materials consumption (at Mining Transport Shop) standards fulfillment for July 2004
245. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2004
246. Report on materials consumption (at Mining Transport Shop) standards fulfillment for September 2004
247. Report on materials consumption (at Mining Transport Shop) standards fulfillment for October 2004
248. Report on materials consumption (at Mining Transport Shop) standards fulfillment for November 2004
249. Report on materials consumption (at Mining Transport Shop) standards fulfillment for December 2004
250. Report on materials consumption (at Mining Transport Shop) standards fulfillment for January 2005
251. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2005
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253. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2005
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255. Report on materials consumption (at Mining Transport Shop) standards fulfillment for June 2005
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257. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2005
258. Report on materials consumption (at Mining Transport Shop) standards fulfillment for September 2005
259. Report on materials consumption (at Mining Transport Shop) standards fulfillment for October 2005
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263. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2006
264. Report on materials consumption (at Mining Transport Shop) standards fulfillment for March 2006
265. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2006
266. Report on materials consumption (at Mining Transport Shop) standards fulfillment for May 2006
267. Report on materials consumption (at Mining Transport Shop) standards fulfillment for June 2006

268. Report on materials consumption (at Mining Transport Shop) standards fulfillment for July 2006
269. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2006
270. Report on materials consumption (at Mining Transport Shop) standards fulfillment for September 2006
271. Report on materials consumption (at Mining Transport Shop) standards fulfillment for October 2006
272. Report on materials consumption (at Mining Transport Shop) standards fulfillment for November 2006
273. Report on materials consumption (at Mining Transport Shop) standards fulfillment for December 2006
274. Report on materials consumption (at Mining Transport Shop) standards fulfillment for January 2004
275. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2007
276. Report on materials consumption (at Mining Transport Shop) standards fulfillment for March 2007
277. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2007
278. Report on materials consumption (at Mining Transport Shop) standards fulfillment for May 2007
279. Report on materials consumption (at Mining Transport Shop) standards fulfillment for June 2007
280. Report on materials consumption (at Mining Transport Shop) standards fulfillment for July 2007
281. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2007
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283. Report on materials consumption (at Mining Transport Shop) standards fulfillment for October 2007
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285. Report on materials consumption (at Mining Transport Shop) standards fulfillment for December 2007
286. Report on materials consumption (at Mining Transport Shop) standards fulfillment for January 2008
287. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2008
288. Report on materials consumption (at Mining Transport Shop) standards fulfillment for March 2008
289. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2008
290. Report on materials consumption (at Mining Transport Shop) standards fulfillment for May 2008
291. Report on materials consumption (at Mining Transport Shop) standards fulfillment for June 2008

292. Report on materials consumption (at Mining Transport Shop) standards fulfillment for July 2008
293. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2008
294. Report on materials consumption (at Mining Transport Shop) standards fulfillment for September 2008
295. Report on materials consumption (at Mining Transport Shop) standards fulfillment for October 2008
296. Report on materials consumption (at Mining Transport Shop) standards fulfillment for November 2008
297. Report on materials consumption (at Mining Transport Shop) standards fulfillment for December 2008
298. Report on materials consumption (at Mining Transport Shop) standards fulfillment for January 2009
299. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2009
300. Report on materials consumption (at Mining Transport Shop) standards fulfillment for March 2009
301. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2009
302. Report on materials consumption (at Mining Transport Shop) standards fulfillment for May 2009
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305. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2009
306. Report on materials consumption (at Mining Transport Shop) standards fulfillment for September 2009
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308. Report on materials consumption (at Mining Transport Shop) standards fulfillment for November 2009
309. Report on materials consumption (at Mining Transport Shop) standards fulfillment for December 2009
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311. Report on materials consumption (at Mining Transport Shop) standards fulfillment for February 2010
312. Report on materials consumption (at Mining Transport Shop) standards fulfillment for March 2010
313. Report on materials consumption (at Mining Transport Shop) standards fulfillment for April 2010
314. Report on materials consumption (at Mining Transport Shop) standards fulfillment for May 2010
315. Report on materials consumption (at Mining Transport Shop) standards fulfillment for June 2010

316. Report on materials consumption (at Mining Transport Shop) standards fulfillment for July 2010
317. Report on materials consumption (at Mining Transport Shop) standards fulfillment for August 2010
318. Report on materials consumption (at Mining Transport Shop) standards fulfillment for September 2010
319. Report on materials consumption (at Mining Transport Shop) standards fulfillment for October 2010
320. Report on materials consumption (at Mining Transport Shop) standards fulfillment for November 2010
321. Report on materials consumption (at Mining Transport Shop) standards fulfillment for December 2010
322. Report on natural gas consumption for 1997 (monthly data)
323. Report on natural gas consumption for 1998 (monthly data)
324. Report on natural gas consumption for 1999 (monthly data)
325. Report on natural gas consumption for 2000 (monthly data)
326. Report on natural gas consumption for 2001 (monthly data)
327. Report on natural gas consumption for 2002 (monthly data)
328. Report on natural gas consumption for 2003 (monthly data)
329. Report on natural gas consumption for 2004 (monthly data)
330. Report on natural gas consumption for 2005 (monthly data)
331. Report on natural gas consumption for 2006 (monthly data)
332. Report on natural gas consumption for 2007 (monthly data)
333. Report on natural gas consumption for 2008 (monthly data)
334. Report on natural gas consumption for 2009 (monthly data)
335. Report on natural gas consumption for 2010 (monthly data)
336. Natural gas quality certificates for 2004 (monthly data)
337. Natural gas quality certificates for 2005 (monthly data)
338. Natural gas quality certificates for 2006 (monthly data)
339. Natural gas quality certificates for 2007 (monthly data)
340. Natural gas quality certificates for 2008 (monthly data)
341. Natural gas quality certificates for 2009 (monthly data)
342. Natural gas quality certificates for 2010 (monthly data)
343. Natural gas quality certificates for 1998-1999
344. Calibration certificate #7809 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #164623
345. Calibration certificate #7810 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #164625
346. Calibration certificate #7804 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #182732
347. Calibration certificate #7807 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #182739
348. Calibration certificate #7805 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #182755
349. Calibration certificate #7806 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #182774
350. Calibration certificate #7803 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #182780

351. Calibration certificate #7808 dated 17/12/2010, valid till 16/12/2011, GPS receiver, serial #194759
352. Calibration certificate #7800 dated 17/12/2010. valid till 16/12/2011, tachymeter, serial #370600
353. Calibration certificate #3465 dated 28/04/2011, valid till 27/04/2012, distance meter, serial #219889
354. Calibration certificate #3492 dated 29/04/2011, valid till 27/04/2012, laser level, serial #10956
355. Calibration certificate #3464 dated 28/04/2011, valid till 27/04/2012, laser level RA, serial #0512061
356. Calibration certificate #2515 dated 28/03/2011, valid till 25/0432012, GPS receiver, serial #195519
357. Calibration certificate #3466 dated 28/04/2011, valid till 27/04/2012, GPS receivers, serial ##0220335866, 02203404557
358. Calibration certificate #3462 dated 28/04/2011, valid till 27/04/2012, tachymeter, serial #503365
359. Calibration certificate #3463 dated 28/04/2011, valid till 27/04/2012, tachymeter, serial #610448A
360. Calibration certificate #3458 dated 28/04/2011, valid till 27/04/2012, tachymeter, serial #834329
361. Calibration certificate #3460 dated 28/04/2011, valid till 27/04/2012, tachymeter, serial #834350
362. Calibration certificate #3459 dated 28/04/2011, valid till 27/04/2012, tachymeter, serial #834518
363. Calibration certificate #3416 dated 28/04/2011, valid till 27/04/2012, tachymeter, serial #834519
364. Report on energy production shop services for 2004 (monthly data)
365. Report on energy production shop services for 2005 (monthly data)
366. Report on energy production shop services for 2006 (monthly data)
367. Report on energy production shop services for 2007 (monthly data)
368. Report on energy production shop services for 2008 (monthly data)
369. Report on energy production shop services for 2009 (monthly data)
370. Report on energy production shop services for 2010 (monthly data)
371. Statement #3 КПО 00191282 dated 27/12/1994 on cost assessment of undivided real-estate complex
372. Affirmance letter dated 31/07/2002 on ownership, issued by the Ministry of Industrial Policy of Ukraine
373. Order #401 dated 30/12/1994 the Ministry of Industrial Policy of Ukraine on Ferrexpo Poltava Mining
374. Certificate dated 13/05/2004 on ownership
375. Certificate dated 29/11/2002 on ownership
376. Protocols on working committee meeting for 2000
377. Protocols on working committee meeting for 2001
378. Protocols on working committee meeting for 2002
379. Protocols on working committee meeting for 2003
380. Protocols on working committee meeting for 2004
381. Protocols on working committee meeting for 2005
382. Protocols on working committee meeting for 2006

383. Protocols on working committee meeting for 2007
384. Protocols on working committee meeting for 2008
385. Protocols on working committee meeting for 2009
386. Protocols on working committee meeting for 2010
387. Protocols on working committee meeting for 2011
388. Scheme of SUPERDEAL 4 seal
389. Scheme of furnace offloading unit
390. Scheme of pipeline 7 cooling
391. Scheme of SUPERDEAL 6 seal
392. Scheme of SUPERDEAL seal
393. Certificate #UA 2.039.05366-10 dated 08/10/2010 on quality control system
394. Certificate #UA 2.039.02398 – 07 dated 07/06/2007 on ecological management system
395. Certificate #UA 2.039.Б0001 – 07 dated 01/04/2007 on health and safety management system
396. Photo - PF 12,5-20-45 vibrating feeder, inventory #126783900
397. Photo - PF 12,5-20-45 vibrating feeder, inventory #126784000
398. Photo - PF 12,5-20-45 vibrating feeder, inventory #126807400
399. Photo - PF 12,5-20-45 vibrating feeder, inventory #126619800
400. Photo - PF 12,5-20-45 vibrating feeder, inventory #126326300
401. Photo - PF 12,5-20-45 vibrating feeder, inventory #126326400
402. Photo - PF 12,5-20-45 vibrating feeder, inventory #126326500
403. Photo - PF 12,5-20-45 vibrating feeder, inventory #126326600
404. Photo - PF 12,5-20-45 vibrating feeder, inventory #126326100
405. Photo - PF 12,5-20-45 vibrating feeder, inventory #126326200
406. Photo - ASR SUPERIOR 25 control unit
407. Photo - ASR HYDROCONE 35 control unit
408. Photo - ASR SUPERIOR 26 control unit
409. Photo - control unit
410. Photo - ASR SUPERIOR 27 control unit
411. Photo - S-4000 crusher, inventory #125177100
412. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126457300
413. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126364700
414. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126338800
415. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #1264134800
416. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Ж
417. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Ж
418. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Е
419. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Е
420. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Д
421. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Д
422. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Г
423. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Г

424. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - В
425. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - В
426. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Б
427. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Б
428. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - А
429. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - А
430. Photo - S-4000 crusher, inventory #125144000
431. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126373600
432. Photo - MITSUBISHI A500 frequency regulator, screen #I
433. Photo - MITSUBISHI A500 frequency regulator, screen #II
434. Photo - Бармак №4 crusher, inventory #127158300
435. Photo - СБаМ-1,2/2,5П separator, inventory #127150600
436. Photo - PF 12,5-20-45 vibrating feeder, inventory #126807600
437. Photo - PF 12,5-20-45 vibrating feeder, inventory #126807500
438. Photo - PF 12,5-20-45 vibrating feeder, inventory #126784100
439. Photo - PF 12,5-20-45 vibrating feeder, inventory #126722000
440. Photo - PF 12,5-20-45 vibrating feeder, inventory #126722100
441. Photo - PF 12,5-20-45 vibrating feeder, inventory #126807800
442. Photo - PF 12,5-20-45 vibrating feeder, inventory #126807700
443. Photo - PF 12,5-20-45 vibrating feeder, inventory #126365200
444. Photo - PF 12,5-20-45 vibrating feeder, inventory #126365100
445. Photo - PF 12,5-20-45 vibrating feeder, inventory #126365400
446. Photo - PF 12,5-20-45 vibrating feeder, inventory #126365300
447. Photo - PF 12,5-20-45 vibrating feeder, inventory #126365500
448. Photo - PF 12,5-20-45 vibrating feeder, inventory #126078900
449. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Д
450. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Е
451. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Е
452. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Д
453. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Ж
454. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Ж
455. Photo - MITSUBISHI A500 frequency regulator, mesh #49 – Г
456. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Г
457. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - В
458. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - В
459. Photo - MITSUBISHI A500 frequency regulator, mesh #50 - Б
460. Photo - MITSUBISHI A500 frequency regulator, mesh #49 - Б
461. Photo - MITSUBISHI A700 frequency regulator, mesh #50 - А
462. Photo - MITSUBISHI A700 frequency regulator, mesh #49 - А
463. Photo - S-4000 crusher, inventory #125897500
464. Photo - S-4000 crusher, inventory #125854000
465. Photo - S-4000 crusher, inventory #125830100
466. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126778800
467. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126778700
468. Photo - SKH 6.0x2K unbalanced-throw screen, inventory

#126891200
469. Photo - SKH 6.0x2K unbalanced-throw screen, inventory #126778600
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474. Photo - MITSUBISHI A500 frequency regulator, screen #III
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477. Photo - СБаМ-1,2/2,5П separator, inventory #127072000
478. Photo - 9000 XHD crusher, inventory #125137000
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480. Photo - СБаМ-1,2/2,5П separator, inventory #126374100
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484. Photo - XR 305 pumping unit, inventory #127111300
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486. Photo - XR 305 pumping unit, inventory #127113700
487. Photo - XR 305 pumping unit, inventory #127111600
488. Photo - XR 305 pumping unit, inventory #127111400
489. Photo - XR 305 pumping unit, inventory #127111800
490. Photo - XR 305 pumping unit, inventory #127111500
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492. Photo - XR 305 pumping unit, inventory #127111000
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497. Photo- control panel
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499. Photo - MITSUBISHI F700 frequency regulator, screen #8, inventory #1205
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501. Photo - MR350 pumping unit, inventory #127113900
502. Photo - MR350 pumping unit, inventory #127114900
503. Photo - MR350 pumping unit, inventory #127147600
504. Photo - MR350 pumping unit, inventory #127114800
505. Photo - MR350 pumping unit, inventory #127114600
506. Photo - MR350 pumping unit, inventory #127114700
507. Photo - MR350 pumping unit, inventory #127112900
508. Photo - MR350 pumping unit, inventory #127114500
509. Photo - MR350 pumping unit, inventory #127112800
510. Photo - MR350 pumping unit, inventory #127114400
511. Photo - MR350 pumping unit, inventory #127112700

512. Photo - MR350 pumping unit, inventory #127114300
513. Photo - MR350 pumping unit, inventory #127112600
514. Photo - MR350 pumping unit, inventory #127114200
515. Photo - MR350 pumping unit, inventory #127112500
516. Photo - MR350 pumping unit, inventory #127114100
517. Photo - MR350 pumping unit, inventory #127112400
518. Photo - МСЦ-3850x5500 УХЛ4 mill, inventory #127842500
519. Photo - МСЦ-3850x5500 УХЛ4 mill, inventory #127828500
520. Photo – Energy metering unit (EMU) 11
521. Photo – Power meter type PM 130 – PLUS – EH, serial #819614 (EMU-11)
522. Photo – Energy metering unit (EMU) 10
523. Photo – Power meter type PM 130 – PLUS – EH, serial #819713 (EMU-10)
524. Photo – Power meter type PM 130 – PLUS – EH, serial #819770 (EMU-8)
525. Photo – Energy metering unit (EMU) 09
526. Photo – Power meter type PM 130 – PLUS – EH, serial #819806 (EMU-9)
527. Logbook on energy consumption CS – 9, 13
528. Photo – Power meter type PM 130 – PLUS – EH, serial #914639 (EMU-15)
529. Photo – Power meter type PM 130 – PLUS – EH, serial #819725 (EMU-14)
530. Photo – Power meter type PM 130 – PLUS – EH, serial #914622 (EMU-25)
531. Photo – Power meter type PM 130 – PLUS – EH, serial #916146 (EMU-24)
532. Photo – Power meter type PM 130 – PLUS – EH, serial #819621 (EMU-21)
533. Photo – Power meter type PM 130 – PLUS – EH, serial #819802 (EMU-17)
534. Photo – Power meter type PM 130 – PLUS – EH, serial #819788 (EMU-19)
535. Photo – Power meter type PM 130 – PLUS – EH, serial #819631 (EMU-23)
536. Photo – Power meter type PM 130 – PLUS – EH, serial #819622 (EMU-18)
537. Photo – Power meter type PM 130 – PLUS – EH, serial #819703 (EMU-20)
538. Photo – Power meter type PM 130 – PLUS – EH, serial #819665 (EMU-22)
539. Photo – Power meter type PM 130 – PLUS – EH, serial #819605 (EMU-16)
540. Photo – Power meter type PM 130 – PLUS – EH, serial #819799 (EMU-27)
541. Photo – Power meter type PM 130 – PLUS – EH, serial #819754 (EMU-26)

542. Photo – Power meter type PM 130 – PLUS – EH, serial #819648 (EMU-1)
543. Photo – Power meter type PM 130 – PLUS – EH, serial #819798 (EMU-2)
544. Photo – Power meter type PM 130 – PLUS – EH, serial #819776 (EMU-5)
545. Photo – Power meter type PM 130 – PLUS – EH, serial #819814 (EMU-3)
546. Photo – Power meter type PM 130 – PLUS – EH, serial #819685 (EMU-7)
547. Photo – Power meter type PM 130 – PLUS – EH, serial #819792 (EMU-6)
548. Photo – Power meter type PM 130 – PLUS – EH, serial #819708 (EMU-4)
549. Photo – Power meter type СА3У – И670М, serial #008229 (EMU-32)
550. Photo – Power meter type СА3У – И670М, serial #072737 (EMU-31)
551. Photo – Power meter type EA05RAL-B-3, serial #01058982 (EMU-35)
552. Photo – Power meter type СА3У – И670М, serial #355782 (EMU-33)
553. Photo – Power meter type СА3У – И670М, serial #1318601 (EMU-37)
554. Photo – Power meter type СА3У – И670М, serial #598488 (EMU-34)
555. Photo – Power meter type ЦЭ6850В, serial #1318562 (EMU-38)
556. Photo – Power meter type EA05RAL-B-3, serial #01059003 (EMU-36)
557. Photo – Power meter type ЦЭ6850В, serial #49014684 (EMU-40)
558. Photo – Power meter type ЦЭ6850В, serial #49014684 (EMU-39)
559. Photo – Power meter type ЦЭ6850В, serial #4Д038013 (EMU-41)
560. Photo – Power meter type ЦЭ6850В, serial #49013140 (EMU-44)
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563. Permit #2877 data 22/02/2010 on special water consumption
564. Photo – pressure transducer type PR – 54, serial #08100796 (EMU-1)
565. Photo – pressure transducer type PC – 28, serial #08100315 (EMU-1)
566. Photo – pressure transducer type PR – 50G, serial #08100252 (EMU-2)
567. Photo - SKH6.08*2K screen
568. Photo - Reconstruction of the sealing of the loading part of the tube furnace #2 by establishing of the SUPERDEAL seal
569. Photo - ЦВ6 – 28 venting machine, inventory #127122900
570. Photo – control and measuring equipment
571. Photo - Uniflow-100 meter, serial #№100-968/2006 (GMU-4)

572. Photo - Uniflow-100 meter, serial #№100-507/2001 (GMU-6)
573. Photo - ЦВ6 – 28 venting machine, inventory #127092300
574. Photo - ЦВ6 – 28 venting machine, inventory #127092400
575. Photo - Reconstruction of the sealing of the loading part of the tube furnace #4 by establishing of the SUPERDEAL seal
576. Photo - Uniflow-100 meter, serial #№100-968/2006 (GMU-3)
577. Photo – pressure transducer type PC – 28, serial #№100-968/2006 (GMU-5)
578. Photo - ЦВ6 – 28 venting machine, inventory #127050800
579. Photo – Technological line #1 parameters schedule (computer monitor in process control room)
580. Photo – pump station
581. Photo - synchronous motor current parameters panel (СД – 2)
582. Photo - rotor, serial #121400900(СД – 2)
583. Photo – gravity flow
584. Photo - amperemeter, fabrication #87201894 (СД – 5)
585. Photo - voltage meter type M 381, fabrication #84590506 (СД – 5)
586. Photo – amperemeter type M 381, fabrication #84309930 (СД – 5)
587. Photo - synchronous motor current parameters panel (СД – 5)
588. Photo – manometer, serial #035523
589. Photo – CATERPILLAR dump-truck, #403
590. Photo – CATERPILLAR dump-truck, #403
591. Photo – CATERPILLAR dump-truck, #407
592. Photo – CATERPILLAR dump-truck, #425
593. Photo – CATERPILLAR dump-truck, #339
594. Photo – CATERPILLAR dump-truck, #430
595. Photo – Fuel meter
596. Distribution list dated 30/09/2011, 6-18 shift, fuel servicing truck #250
597. Photo – meter type ППО 40-0,6 СУ, serial #1004
598. Photo – CATERPILLAR dump-truck, #422
599. Photo – CATERPILLAR dump-truck, #441
600. Photo – CATERPILLAR dump-truck, #118
601. Photo – gasoline tank truck, #249
602. Photo – meter type ППО 40-0,6 СУ, serial #1002 (gasoline tank truck, #249)
603. Distribution list dated 30/09/2011, 6-18 shift, fuel servicing truck #249
604. Photo – CATERPILLAR dump-truck, #110
605. Photo – CATERPILLAR dump-truck, #432
606. Photo – CATERPILLAR dump-truck, #134
607. Photo – CATERPILLAR dump-truck, #123
608. Photo – gasoline tank truck, #248
609. Distribution list dated 30/09/2011, 6-18 shift, fuel servicing truck #248
610. Photo – meter type ППО 40-0,6 СУ, serial #1003 (gasoline tank truck, #248)
611. Photo – open-pit (scenery)

612. Photo – БЕЛАЗ dump-truck, #Т3243ПЛ
613. Photo – Fuel consumption electric measurement system
614. Report on fuel and oil consumption by Mining Transport Shop for the period from 25 till 26 September 2011
615. Table dated 26/01/2009 of technical vehicles loading by the mining rock at Ferrexpo Poltava Mining
616. Statement dated 18/05/2011 of distance measurement
617. Statement dated 12/06/2011 of distance measurement
618. Statement dated 31/08/2011 of distance measurement
619. Register of excavating machine during the shift in electronic form
620. Photo – Electronic map of real time operations in the open pit
621. Photo – Register in electronic form of dump trucks trips during the shift for 30/09/2011, 2nd shift
622. Photo – Infrared image converter type CH – 9435, serial #10966
623. Photo – distance meter type Lica, serial #834329
624. Photo – distance meter type Lica, serial #834518
625. Photo – Distance meter serial #219889
626. Calibration certificate # 4853 dated 26/08/2008, valid till 21/08/2009, on GPS GRX 1200 Pro GG receiver, fabrication # 352656, issued by the National Metrology Institute Scientific Centre
627. Calibration certificate # 3969 dated 16/07/2008, valid till 15/07/2009, on GPS Smart Rover ATX 1230 GG receivers, fabrication # 182732, # 182739, # 182774, # 182755, # 182780, issued by the National Metrology Institute Scientific Centre
628. Calibration certificate # 3248 dated 09/06/2008, valid till 09/06/2009, on electronic tacheometer type Trimble 3305DR, fabrication # 610807A, issued by the National Metrology Institute Scientific Centre
629. Calibration certificate # 3925 dated 14/07/2008, valid till 10/07/2009, on electronic tacheometer type TCP 1202, fabrication # 226733, issued by the National Metrology Institute Scientific Centre
630. Calibration certificate # 3924 dated 14/07/2008, valid till 10/07/2009, on electronic tacheometer type TCP 1202, fabrication # 226738, issued by the National Metrology Institute Scientific Centre
631. Calibration certificate # 4849 dated 26/08/2008, valid till 21/08/2009, on electronic tacheometer type TC1610, fabrication # 370600, issued by the National Metrology Institute Scientific Centre
632. Calibration certificate # 3125 dated 31/05/2008, valid till 30/05/2009, on electronic tacheometer type Trimble 3305DR, fabrication # 604351A, issued by the National Metrology Institute Scientific Centre
633. Calibration certificate # 4036 dated 18/07/2008, valid till 16/07/2009, on electronic tacheometer type Trimble 3305DR, fabrication # 610808A, issued by the National Metrology Institute

Scientific Centre

634. Calibration certificate # 6820 dated 04/12/2008, valid till 28/11/2009, on electronic laser ranger Trimble HD 150, fabrication # 219889, issued by the National Metrology Institute Scientific Centre
635. Passport dated 05/08/2008 on meter of oil products type ШЖУ-40, fabrication # 01398
636. Passport dated 05/06/2008 on meter of oil products type ШЖУ-40, fabrication # 00922
637. Calibration certificate # 6821 dated 04/12/2008, valid till 28/11/2009, on GPS Trimble 5700 receivers, fabrication # 0220335866, # 02203404557, issued by the National Metrology Institute Scientific Centre
638. Calibration certificate # 6815 dated 04/12/2008, valid till 28/11/2009, on electronic tacheometer type Trimble 3603DR, fabrication # 503365, issued by the National Metrology Institute Scientific Centre
639. Calibration certificate # 6814 dated 04/12/2008, valid till 28/11/2009, on electronic tacheometer type Trimble 3603DR, fabrication # 610448A, issued by the National Metrology Institute Scientific Centre
640. Agreement # 110423 dated 18/04/2011 on providing services of equipment repair, regulation and calibration
641. Agreement # 25/10/1448/4614 dated 05/11/2010 on providing services of equipment metrological calibration
642. Agreement # 07/10/410/4614 dated 24/03/2010 on providing services of equipment metrological calibration
643. Agreement # 499-08/1632/4614 dated 06/10/2008 on providing services of equipment state calibration
644. Agreement # 02/11/276/4614 dated 17/01/2011 on providing services of equipment metrological calibration

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/ Krasulya Oleksandr Sergiyovych – Deputy Head of the Board on technical issues
/2/ Kirnosov Oleksandr Oleksandrovych – Head of the monitoring group, engineer of technical departement
/3/ Tsymbal Volodymyr Andriyovych – Chief energetic of Ferrexpo Poltava Mining
/4/ Sennik Oleaksandr Vasylovych – Chief environmental specialist
/5/ Brynza Oleksandr Mykhaylovych – Chief metrologist
/6/ Zazymko Oleksandr Oleksandrovysh – Chief engineer of technical department crushing-and-preparation workshop
/7/ Kovalenko Kostyantyn Mykolayovysh – Chief engineer of solid slurry household

/8/ Paleha Serhiy Serhiyovych – Chief technologist of pellets production workshop
/9/ Lyashenko Mykola Ivanovych – Deputy chief of mountainous transport workshop
/10/ Lysenko Oleksandr Mykolayovych – Deputy of the City Hall
/11/ Breus Oleksandr Mykolayovych – Deputy of the City Hall
/12/ Khalabuzar Viktor – Managing partner of Climate Protection Bureau LLP company

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
Project approvals by 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?	**CAR 01.** Please provide evidence of the written project approval by the Parties involved.	CAR 01	OK
91	Are all the written project approvals by Parties involved unconditional?	Please refer to **CAR 01** above.	-	
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, project has been implemented in accordance with the PDD regarding which the determination has been deemed final. Status of the project implementation during monitoring period corresponds to the list of the measures to be implemented in PDD version 07. **CAR 02.** Please add measures from the Subproject 1 and 3, which occurred during the monitoring period to the Table 1 of Monitoring	CAR 02, 03, 04, CL 01	OK

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
		Report version 01. **CAR 03.** Please add the list of dump-trucks modernized during 2008. **CL 01.** Please clarify the reason for the difference between emission reductions in MR and PDD for the respected period. **CAR 04.** Please correct the monitoring period stated on the 2nd page of the Monitoring Report version 01.		
93	What is the status of operation of the project during the monitoring period?	Project implementation has started in 2000, which means that during the monitoring period project has started its operation (as per Table 1 of the Monitoring Report version 01).	OK	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?	**CL 02.** Monitoring Report version 01 section A.7. states "ERUs calculation in the PDD was made basing on the natural gas annual average net calorific value data provided to the enterprise by the supplier", while according to the PDD version 07 this calculation was performed on the basis of monthly data. Please clarify.	CL 02	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	Yes, for calculating the emission reductions 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	OK	OK

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	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?	as risks associated with the project were taken into account, as appropriate.		
95 (b)	Are data sources used for calculating emission reductions or enhancements of net removals clearly identified, reliable and transparent?	The results measuring and archiving are responsibility of the technical personnel. Technical personnel submit the results of measurements to the monitoring group for work coordination to estimate greenhouse gases emissions reduction. **CAR 05.** Please provide brief summary on the data sources (e.g. plant production reports, commercial reports etc).	CAR 05	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, all emission factors, including default emission factors, used for calculating the emission reductions, are selected by carefully balancing accuracy and reasonableness, and appropriately justified of the choice. **CAR 06.** Please specify all the data sources for the emission factors and other default values presented in the Table 5 section B.2.1., except for the ones that are calculated on the basis of the plant data.	CAR 06	OK
95 (d)	Is the calculation of emission reductions or enhancements of net removals based on conservative assumptions and the most plausible	Yes, the calculation of emission reductions is based on conservative assumptions and the most plausible scenarios in a transparent manner.	OK	OK

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	scenarios in a transparent manner?			
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	N/a	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	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	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? Do the monitoring periods not overlap with those for which	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	verifications were already deemed final in the past?			
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?	No revision is foreseen as per the monitoring report version 01. Please also refer to CL 02.	-	-
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
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?	Yes, the implementation of data collection procedures is in accordance with the monitoring plan, including the quality control and quality assurance procedures. **CAR 07.** Please briefly describe the data flow process.	CAR 07	OK
101 (b)	Is the function of the monitoring equipment, including its calibration status, in order?	**CAR 08.** Please provide the passport with the calibration certificates for the theodolites, metal measuring reels and meters of oil products. **CAR 09.** Please provide agreements with the third parties involved.	CAR 08, 09	OK

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
101 (c)	Are the evidence and records used for the monitoring maintained in a traceable manner?	The results measuring and archiving are responsibility of the technical personnel. Technical personnel submit the results of measurements to the monitoring group for work coordination to estimate greenhouse gases emissions reduction. The functions of the monitoring group also include collection of non-measured data which are also subject to the monitoring. The monitoring group makes back-up copy of monitoring data which is stored (at the office of the Engineer of technical department) apart from the main data to avoid their loss in case of force majeure. All information about monitoring and corrective measures must be archived for future verification of emissions reduction level. The head of the monitoring group is responsible for preparation and archiving of monitoring reports. The Chairman of the Board analyses general monitoring data and relevant documentation on periodic basis.	OK	OK
101 (d)	Is the data collection and management system for the project in accordance with the monitoring plan?	Yes, the data collection and management system for the project is in accordance with the monitoring plan.	OK	OK
Verification regarding programmes of activities (additional elements for assessment)				
102	Is any JPA that has not been added	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	to the JI PoA not verified?			
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 the AIE informed the JISC of its findings in writing?	N/a	N/a	N/a
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,	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	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?			
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	N/a	N/a	N/a

DVM Paragraph	Check Item	Initial finding	Draft Conclusion	Final Conclusion
	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 and justification?			
109	Is the sampling plan available for submission to the secretariat for the JISC 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

Table 2 Resolution of Corrective Action and Clarification Requests

Draft report clarification and corrective action requests by verification team	Ref. to checklist question in table 1	Summary of project participant response	Verification team conclusion
CAR 01. Please provide evidence of the written project approval by the Parties involved.	90	Letter of Approval from the Host Parties NFP was provided to AIE. Letter of Approval from the other parties NFP will be provided by the end of verification process.	Letter of Approval from British DFP was issued 22/05/2012. Issue is closed

CAR 02. Please add measures from the Subproject 1 and 3, which occurred during the monitoring period to the Table 1 of Monitoring Report version 01.	92	**D:** Appropriate changes for the Subproject 1 were inserted to the Monitoring Report, for the Subproject 3 no measures on modernization were foreseen in the monitoring period. **KZ:** From Subproject 3 "Reconstruction of roller screens at the technological lines ##1-4 pelletizing section" was implemented during 11/10/2006 - 22/06/2009, "Reconstruction of the seal of the tube furnaces ##1-4 unloading part by establishing the SUPERDEAL seal" - 09/01/2007 - 25/12/2014, which both include 2008. Please correct. **D:** Corrected in the third version of the Monitoring report.	Issue is closed.

CL 01. Please clarify the reason for the difference between emission reductions in MR and PDD for the respected period.	92	This difference is caused by the fact that in the PDD calculation of ERUs was performed on the basis of the annual average value of natural gas in accordance with the monthly data provided by the natural gas supplier, and in the MR detailed calculation was performed on the basis of the monthly calculation of ERUs and in accordance with that monthly value of NCV was used according to the defined monitoring plan.	Issue is closed.
CAR 03. Please add the list of dump-trucks modernized during 2008.	92	Corrected in the second version of the Monitoring report	Issue is closed.
CAR 04. Please correct the monitoring period stated on the 2nd page of the Monitoring Report version 01.	92	Corrected in the second version of the Monitoring report	Issue is closed.

CL 02. Monitoring Report version 01 section A.7. states “ERUs calculation in the PDD was made basing on the natural gas annual average net calorific value data provided to the enterprise by the supplier”, while according to the PDD version 07 this calculation was performed on the basis of monthly data. Please clarify.	94	On the basis of the monthly “Certificates of the physical-chemical data of natural gas quality", which are provided by the natural gas supplier, average value of this parameter was calculated for each monitoring period, calculation in PDD was performed using average annual value. In the MR calculation was performed separately for each month of the monitoring period in accordance to the chosen monitoring plan, which caused obtaining of the more accurate data that are slightly different that the ones presented in PDD. Corrected in the second version of the Monitoring report.	Issue is closed.
CAR 05. Please provide brief summary on the data sources (e.g. plant production reports, commercial reports etc).	95 (b)	Corrected in the second version of the Monitoring report	Issue is closed.
CAR 06. Please specify all the data sources for the emission factors and other default values presented in the Table 5 section B.2.1., except for the ones that are calculated on the basis of the plant data.	95 (c)	Corrected in the second version of the Monitoring report	Issue is closed.

CAR 07. Please briefly describe the data flow process.	101 (a)	Appropriate changes were provided to the MR version 02 section C.1.1	Issue is closed.
CAR 08. Please provide the passport with the calibration certificates for the theodolites, metal measuring reels and meters of oil products.	101 (b)	**D:** Relevant documents were provided. **KZ:** Documents for the relevant monitoring period were not provided.	Issue is closed.
CAR 09. Please provide agreements with the third parties involved.	101 (b)	**D:** Relevant documents were provided. **KZ:** Please add relevant information to the monitoring report (on the entities and persons, who perform calibration). **D:** Corrected in the third version of the Monitoring report.	Issue is closed.