



CDM: Recommendation Form for Small Scale Methodologies (version 01)

(To be used for presenting questions/proposals/amendments to the simplified methodologies for small-scale CDM project activity categories)

<i>Date of SSC WG meeting:</i>	As per procedures for fast track clarifications
<i>Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):</i>	Applicability of the project activity composed of the energy efficiency measure with the reduction of carbonate compounds in the aid feed stock
<i>Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.</i>	AMS-II.D version 11
<i>Name of the authors of the query:</i>	Shinichi Hara Institution: Climate Experts s_hara@climate-experts.info n_matsuo@climate-experts.info

Summary of the query:

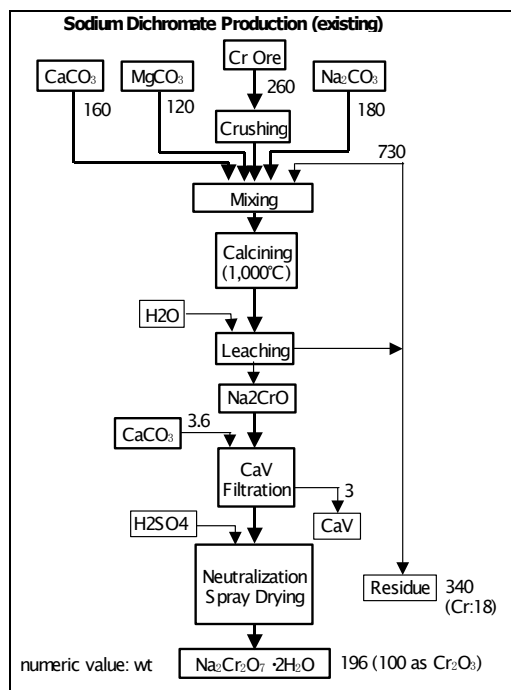
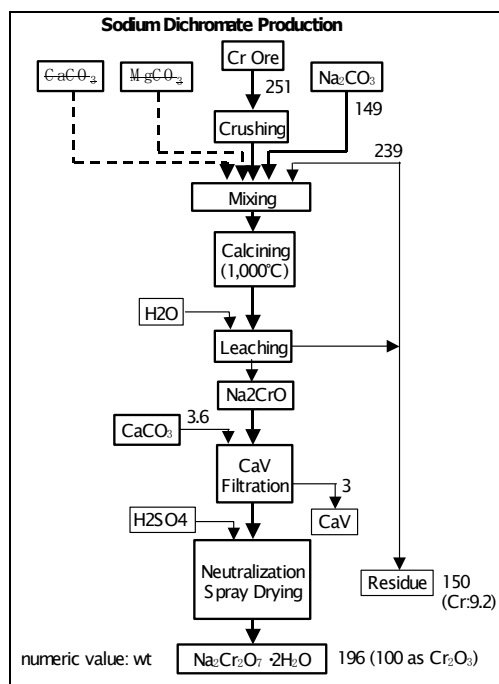
Please use the space below to summarize the query related to SSC methodologies/categories SSC Modalities and Procedures provide recommendation/analysis of the SSC WG.

The question regards the applicability of AMS-II.D for the project of single mineral industry composed of the energy efficiency measure with the reduction of aid feed stock reduction containing carbon oxide compounds.

The project intends to reduce aid feed stock containing the carbonate such as calcium carbonate, other than the sodium carbonate, for oxidative alkali roasting of chromite ore to produce sodium dichromate with some change at chromium content in the ore, where existing method uses sodium carbonate, calcium carbonate and some other carbonates as aid feed stocks. This activity increases energy efficiency caused by improved chemical reaction of chromium and sodium carbonate, with reducing the heat of reaction between alkali and ore contaminants reaction, and reduces roasting kiln flow rate with improving heat transfer efficiency between flue gas and roasting substances, which phenomena is the Energy Efficiency improvement measure.

The emission reduction is envisaged about half, from energy efficiency counted by fuel input, and rest from carbon dioxide reduction by the carbonate reduction in the aid feed stocks.

The project proponent would like to know if it would be possible to apply AMS-II.D for this project.

**Baseline****Project Activity****Recommendation by the SSC WG:**

Please use the space below to provide amendments/change (in your expert view, if necessary).

This recommendation is as per the procedures for fast track clarifications as specified in paragraph 8 of the ‘procedures for the submission and consideration of request for clarification of approved small-scale methodologies’ found at http://cdm.unfccc.int/Reference/Procedures/MethSSC_proc01_EB34a06.pdf.

Answer to authors of query by the SSC WG:

Please use the space below to provide answer to the authors of the above query

The small-scale working group of the CDM Executive Board would like to thank the author for the submission.

The SSC WG agreed to clarify that the proposed project activity is not eligible under AMS-IL.D as the methodology does not address issues such as leakage emissions attributable to displacement of residues (e.g. during the project period the baseline users of residues will have to meet their needs by procuring alternative materials which may potentially lead to leakage emissions, especially where the alternative material is not abundant).

It is understood from the submission that the described project activity improves the chemical reaction of the process with some improvement of chromium content in the ore, which eliminates the need of calcium carbonates and magnesium carbonates as feedstock in a kiln resulting in the reduction of heat load of the kiln. It is stated that the GHG emission reduction in the project activity is generated due to the reduction of heat load at the kiln and reduction of carbonate in the aid feed stocks. In this context, the SSC WG would like to point out that query author’s argument that the project is an energy efficiency activity is not convincing as it is not clear whether all the project energy use has been considered in the estimation of energy saving/consumption of the project. For example, the project activity involves the improvement of chromium content in the ore for which no information on energy use and use of additional reagents has been provided.

The project proponent may wish to propose a new methodology including appropriate and reliable monitoring procedures. In this context project proponent may also refer to the response provided for SSC_213.



Signature of SSC WG Chair

(Ulrika Raab)

Date: 16/10/2008



Signature of SSC WG Vice-Chair

(Kamel Djemouai)

Date: 16/10/2008

Information to be completed by the secretariat

SSC-Submission number	SSC_222
Date when the form was received at UNFCCC secretariat	16 October 2008
Date of transmission to the EB	16 October 2008
Date of posting in the UNFCCC CDM web site	16 October 2008