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)

Date of SSC WG meeting:	21–24 September 2009, SSC WG 22
Title/Subject (give a small title or specify the subject of your submission, maximum 200 characters):	Revision of AMS-III.O. to include natural gas as feedstock and other non-CO_2 emitting sources of hydrogen
Indicative methodology to which your submission relates (refer the items of Appendix B of the Simplified Modalities and Procedures), if applicable.	AMS-III.O. version 01
Name of the authors of the query:	Ricardo Audi Filho Institution: ATA – Ativos tecnicos e Ambientais raf@atapart.com.br

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.

Original text from PP:

Reason 1: Technology/ measure:

The project activity can shift fossil feedstock by installing other technologies than biogenic methane production or all technologies considered in AMS. III.H and AMS.III.G.

One technology not considered on the approved methodology is a hydrogen stream purification unit aiming the production of hydrogen from a stream that was previously flared in the supplier's production plant.

The proposed revision considers a residual hydrogen stream from an existing plant.

The baseline calculation, leakage effects and monitoring continues similar as in the approved AMS III.O methodology.

Reason 2: Feedstock in Baseline: Natural Gas.

The AMS.III.O refers to LPG and provides way for calculating RH2/LPG and RCO2/H2 using LPG as feedstock. Project activity using natural gas should use the same procedure but considering the specification of natural gas and that its major component is CH4, but it also contains butane and propane.

The steam methane reforming formulas (2), (3) and (4) are exactly the same for LPG or Natural gas.

Recommendation by the SSC WG:

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

Please refer to paragraph 16 of the meeting report of the SSC WG 22 (http://cdm.unfccc.int/Panels/ssc_wg).

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 residual gas rich in hydrogen cannot be considered as a waste gas stram — consistent with the previous recommendations made by the SSC WG in response to SSC_145 and SSC-NM011. A hydrogen rich gas stream is considered rather as an energy carrier associated with high upstream emissions in its production (when based in fossil feedstock) and with intrinsic value, and not as a waste gas.

Signature of SSC WG Chair ……..

(Hugh Sealy)

Date: 24/09/2009

Signature of SSC WG Vice-Chair ……..

(Peer Stiansen)

Date: 24/09/2009

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