



**CDM project activity/programme of activities registration request review form (CDM-REGR-FORM)
(Version 03.0)**

Section 1. General Information

Designated national authority/Executive Board member submitting this form (Name in print)

Title and UNFCCC reference number of the proposed project activity or programme of activities (PoA) submitted for registration

4396 Waste heat recovery at blast furnace of IISCO, SAIL

Section 2. Basis for review request

Please indicate, in accordance with paragraphs 37 and 40 of the CDM modalities and procedures (the annex to decision 3/CMP.1), which validation requirements may require review. Please tick the appropriate boxes in the list of requirements below. For requesting a review of a proposed afforestation or reforestation project activity or PoA, please refer to paragraphs 12 and 15 of the CDM modalities and procedures for afforestation and reforestation project activities (the annex to decision 5/CMP.1), and tick the equivalent boxes below mutatis mutandis.

The following are requirements derived from paragraph 37 of the CDM modalities and procedures:

- The participation requirements as set out in paragraph 28 to 30 of the CDM modalities and procedures are satisfied;
- Comments by local stakeholders have been invited, a summary of the comments received has been provided, and a report to the designated operational entity (DOE) on how due account was taken of any comments has been received;
- Project Participants have submitted to the DOE documentation on the analysis of the environmental impacts of the project activity, including transboundary impacts and, if those impacts are considered significant by the project participants or the host Party, have undertaken an environmental impact assessment in accordance with procedures as required by the host Party;
- The project activity is expected to result in a reduction in anthropogenic emissions by sources of greenhouse gases that are additional to any that would occur in the absence of the proposed project activity, in accordance with paragraphs 43 to 52 of the CDM modalities and procedures;
- The baseline and monitoring methodologies comply with requirements pertaining to methodologies previously approved by the Executive Board;
- Provisions for monitoring, verification and reporting are in accordance with decision 17/CP.7, the CDM modalities and procedures and relevant decisions of the COP/MOP;
- The project activity conforms to all other requirements for CDM project activities in decision 17/CP.7, the CDM modalities and procedures and relevant decisions by the COP/MOP and the Executive Board.

The following are requirements derived from paragraph 40 of the CDM modalities and procedures:

- The DOE shall, prior to the submission of the validation report to the Executive Board, have received from the project participants written approval of voluntary participation from the designated national authority of each Party involved, including confirmation by the host Party that the project activity assists it in achieving sustainable development;
- In accordance with provisions on confidentiality contained in paragraph 27(h) of the CDM modalities and procedures, the DOE shall make publicly available the project design document;
- The DOE shall receive, within 30 days, comments on the validation requirements from Parties, stakeholders and UNFCCC accredited non-governmental organizations and make them publicly available;
- After the deadline for receipt of comments, the DOE shall make a determination as to whether, on the basis of the information provided and taking into account the comments received, the project activity should be validated;
- The DOE shall inform project participants of its determination on the validation of the project activity. Notification to the project participants will include confirmation of validation and the date of submission of the validation report to the Executive Board;

- The DOE shall submit to the Executive Board, if it determines the proposed project activity to be valid, a request for registration in the form of a validation report including of the project design document, the written approval of the host Party and an explanation of how it has taken due account of comments received.
- There are only minor issues which should be addressed by the DOE/project participants prior to the registration of the project.

Section 3: Comments supporting review request

Please elaborate the reason for requesting a review on the requirements you indicated in section 2 above.

1) The DOE shall further substantiate the suitability of: (i) contingency cost and operating and maintenance cost, given that these input values are cross checked against power generation projects whereas the proposed project activity is to directly utilize the waste heat for preheating blast furnace gas and combustion air; (ii) basic cost of the waste heat recovery system, in particular, the investment cost of the main burner, flame ignition system etc. (page 16 of the validation report) considering that the proposed project activity is to recover the waste heat from the flue gas; and (iii) the tax costs, in particular, the value of each tax component (import duties, sales tax etc) and an explanation how it has been assumed as per the Indian Tax Laws. In doing so, Please refer to VVM v1.2, paragraph 111 (a) & (b).

2) The DOE shall further substantiate the appropriateness of the emission factor of the fuel in the baseline scenario. In doing so, please explain whether the blast furnace gas is a kind of waste gas in the baseline scenario. Further, please also provide the energy balance of the blast furnace gas of the steel plant for the baseline and project scenario. In doing so, Please refer to VVM v1.2, paragraph 91.

3) The DOE shall further substantiate: (i) how it has validated that the method-2 is applicable to the project activity; and (ii) how it has validated the appropriateness of the ex-ante parameter QWCM, BL (Quantity of waste energy generated prior to the start of the project activity) as per ACM0012 v3 (page 26) given that the fcap is based on the flow rate of the medium carrying the waste energy. In doing so, please also provide the energy balance of the relevant sections of the project facility (Blast Furnace Hot Stove). Please refer to ACM0012 v3, page 25 & 26..

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30 Dec 11