

PROJECT CONCEPT NOTE

(I.D. no. 9)

1	Name of the Project	Model Project for increasing the efficient use of energy using a coke dry quenching system
2	Location of the Project (Village / District / State)	The TATA Iron and Steel Company Limited (TISCO) Jamsedpur City, State of Jharkhand
3	Brief Description of the project	<p>Purpose of this project is to attain energy conservation and CO₂ emission reduction and contribute to sustainable development of India, the host country, by transferring the most advanced coke dry quenching system (CDQ) equipment and its technology. Simultaneously the project aims to contribute to achievement of Japan's target for GHG emission reduction by utilizing CDM mechanism which is stipulated in the Kyoto Protocol.</p> <p>Through this project, the existing wet quenching equipment is replaced with the most advanced CDQ. This enables that thermal energy of red hot coke having conventionally been disposed for nothing can be collected and utilized as steam energy. Moreover, energy conservation and GHG emission reduction can be attained by lowering the operating ration of Power House No. 4 (No.4 PH) which produces steam by using gas and coal as fuel.</p>
4	Estimate of GHG abatement in tCO ₂ eq.	1367420
5	Host Country Approval Status	Approved
6	Project Owner / Proponent	1. New Energy and Industrial Technology Development Organization (NEDO), Sunshine 60, 31F 1-1, 3-Chome Higashi-Ikebukuro, Toshima-Ku, Tokyo 170-6028, JAPAN Tel: +81-3-3987-9558 Fax: +81-3-3987-5103 Department: International Cooperation Centre

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7	PDD Developer / Consultant	<p>New Energy and Industrial Technology Development Organization (NEDO), Sunshine 60, 31F 1-1, 3-Chome Higashi-Ikebukuro, Toshima-Ku, Tokyo 170-6028, JAPAN Tel: +81-3-3987-9558 Fax: +81-3-3987-5103 Department: International Cooperation Centre Contact person: Mr. Takashi Ishida E-mail: ishidatks@nedo.go.jp</p>
8	Baseline methodology	New
9	Designated Operational Entity (DOE)	New Energy and Industrial Technology Development Organization (NEDO) Japan
10	Project Start Date	1 st October, 2003
11	Project Completion Date	31 st October, 2006