

JCM Sustainable Development Implementation Report Form**A. Project description**

A.1. Title of the JCM project

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| ID004_ Energy Saving for Air-Conditioning at Textile Factory by Introducing High-efficiency Centrifugal Chiller in Karawang, West Java |
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A.2. General information of project

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| Reference Number | ID004 |
| Registration date | 24/03/2016 |
| Monitoring period | Start: 20/12/2014, End: 31/05/2016 |

B. Contribution to Sustainable Development

B.1 Check list for contribution to SD

| No. | Items | | Not identified | Identified | If “Identified” is checked in the box, please describe the corrective actions |
|-----|--------------------------------------|---|-------------------------------------|-------------------------------------|--|
| 1 | EIA | Project is included in the EIA reporting to the Government of Indonesia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2 | Pollution Control | Occurence of pollution in ambient air quality | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3 | | Occurence of pollution in water quality | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4 | | Occurence of waste generation | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Small amount of waste such as packing material (cardboard, wood and plastic) was generated during the installation of equipment. Generated waste was collected by PT. Nikawa Textile Industry and was disposed in line with the Indonesian regulation. |
| 5 | | Occurence of noise and/or vibration | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6 | | Occurence of ground subsidence | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 7 | | Occurence of ambient odor | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 8 | Safety and health | Occurrence of accident or occupational accident | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 9 | Natural Environment and biodiversity | Change of protected area condition | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 10 | | Change of land use change and ecosystem condition | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 11 | | Introduction of foreign species | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 12 | | Environmental impact during construction | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 13 | | Use of surface water, ground water and/or deep ground water | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Necessary water use permission had been obtained, i.e., (i) Certification of Utilization of Surface water (Sertifikat izin penggunaan dan pemanfaatan air permukaan, SIPPA) No. 537/KPTS/M/2011, issued by Ministry of Public Works and (ii) Water intake permission (Perijinan Pengambilan Air di KIM) No.01.29.204/KIM-KKW/I-16 from Kawasan Industri Mitrakarawang for surface water and industrial water usage, and the factory has been |
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| | | | | | operated according to the permission during the monitoring period. . |
| 14 | Economy | Decrease in local workforce capacity | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 15 | | Declination of local community welfare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 16 | Social Environment and Community Participation | Occurrence of resettlement or conflict | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 17 | | Failure to follow up comments and complaints successfully | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 18 | | Violation of regulatory working condition | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 19 | Technology | Failure to build human and institutional capacity by technology transfer | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 20 | | Failure to provide technology specification and manual book at least in English and in Bahasa Indonesia as applicable | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

References

Item No.13: (i) Certification of Utilization of Surface water (Sertifikat izin penggunaan dan pemanfaatan air permukaan, SIPPA) No. 537/KPTS/M/2011, issued by Ministry of Public Works and (ii) Water intake permission (Perijinan Pengambilan Air di KIM), No.01.29.204/KIM-KKW/I-16, from Kawasan Industri Mitrakarawang

Revision history of SDIR

| Version | Date | Contents revised |
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