

Results of Environmental Review

- (1) Reference Number
12-030
- (2) Project Name
Construction of Butadiene Plant
- (3) Project Site
Rio Grande do Sul, Brazil
- (4) Project Outline
Construction of butadiene plant
- (5) Category
Category B
- (6) Reason of Categorization
The project is not located in a sensitive area, nor has it sensitive characteristics under the Environmental Guidelines, and its potential adverse impacts on the environment are not likely to be significant.
- (7) Environmental Permission/Approval by the Environmental Authority
The EIA report has not been developed on this project because it is not asked for by FEPAM of Rio Grande do Sul in terms of the project's scale. All other environmental permissions and approvals required for the construction and operation of the project have already been obtained.
- (8) Anti-Pollution Measures
The plant facilities to be constructed in this project do not include any engine or equipment that involves combustion and thus no air pollutants will be emitted. The planned values of water quality and noise level are expected to meet local and international standards. Other appropriate pollution control measures will also be

taken.

(9) Natural Environmental Considerations

The project is located within the existing petrochemical plant site that does not include any protected area or habitats of precious species. There is an environment protection park adjacent to the project site, owned by the project proponent, but no adverse impact by the industrial activity on the ecology has been identified.

(10) Social Considerations

Since the project is located within the existing petrochemical plant site, it involves no involuntary resettlement. In addition, no adverse impact on cultural heritage or landscape is foreseen.

(11) Applicable International Standards

World Bank Safeguard Policy

(12) Monitoring

The project proponent plans monitoring for air, drainage and so on, which has been approved by FEPAM. The monitoring results are supposed to be reported to FEPAM on a regular basis.

(end)