

Environment & Social Action Plan Dazhou Koyo

The BORROWER commits to the actions as specified below, within the specified deadlines, and declares that the resources specified below have been allocated

<u>Issue</u>	<u>Proposed Actions</u> (Mitigation, Management, Monitoring, and Institute Methods)	<u>Target Completion Date</u>
Social and Environmental Assessment and Management System	Modify the ESIA according to IFC requirements	Prior to the Board Approval
	Set up an effective E&S management system (ESMS) at its corporate level with appointed responsible officers, and ensure the E&S management at both corporate level and Dazhou plant meets all the requirements of IFC Performance Standard 1.	By the last disbursement
	The ESMS should contains a organization chart with names and qualifications of responsible corporate officers and designated staffs	
Labor and Working Conditions	Prepare occupational health/safety (OHS) operation procedures for each position.	Three months before the trial production
	Train all the employees for the OHS procedures based on their positions.	Prior to the trial production
	Develop workplace air quality/noise monitoring programs.	Three months before the trial production
	Track the statistical trends of near-miss and accidents	During project execution
Pollution Prevention and Abatement	Install efficient ammonia scrubbers to ensure the ammonia emission meet WBG guideline limit	Within two years after trial production
	Contract external experts to conduct hazard operability (HAZOP) studies.	Within three months after stabilized operation
	Update HAZOP whenever any processes are modified.	On-going
	Install ammonia monitors along its property line and install carbon monoxide monitor at necessary locations.	Prior to trial production
	Upgrade sprinkler system at the ammonia storage tanks to minimize ammonia escape in case of tank leak.	Prior to trial production
	Contract external expert to inspect the ammonia tank integrity every year	On-going

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Community Health, Safety and Security	Conduct joint fire fighting and ER drills with other companies in the industrial zone, local fire department and hospital.	On-going
	Contract with transportation companies that have defensive driving programs, acceptable safe driving records, and sufficient emergency response capacities.	On-going
Land Acquisition and Involuntary Resettlement	Contract external experts to conduct a post land acquisition assessment.	At the end of August or commitment, whichever is later
	Prepare a post land acquisition assessment with proposed Corrective Action Plan, to ensure the overall land acquisition process meet IFC PS5 requirements	At the end of October or first disbursement, whichever is later
	Completion of agreed corrective actions to the satisfaction of IFC	Prior to last disbursement
Public Consultation and Disclosure Plan	Submittal of a PCDP to the satisfaction of IFC. The PCDP should contain proposed actions with associated community engagement activities.	At the end of 2008 or first disbursement, whichever is later
	Provide IFC with logs indicating effectiveness of the PCDP, consultation logs should at least contain participants, date of consultation, subject, follow up actions and responsible staff/officers in Koyo.	Frequency of external reporting to be determined by IFC