



Annex 6 Local assessment checklist

Use of blast furnace slag in the production of blended cement at Votorantim Cimentos. (CDM.VAL0223)

This checklist is designed to provide confirmation of in-country data and information provided in the Project Design Document. It serves as a “reality check” on the project. It is to be completed by SGS Brazil.

Issue	Findings	Source /Means of Verification	Further action / clarification / information required?
Verify project installations like described in the PDD.	It was verified project installations in Santa Helena (SH) and Salto de Pirapora (SAL) plants.	DR/Site visit	No

Issue	Findings	Source /Means of Verification	Further action / clarification / information required?
<p>Verify documents about: installation of a new dryer of slag in SH, installation of two new mills in SAL, purchase agreement signed between Votorantim and slag suppliers.</p>	<p>Installation of a new dryer of slag in SH in October/2003 and involved the installation of the dryer, field instruments and auxiliary. It was verified the installed equipment during site visit.</p> <p>Installation of two new mills in SAL, Mill#Z7 in September/2000 and Mill#Z8 in July/2003. Included the installation of the new mills, field instruments and auxiliary equipment. It was verified the installed equipment during site visit.</p> <p>Contract between Votorantim and CSN (slag supplier), 30 April 1991, and Contract between Votorantim and Cosipa (slag supplier), 1 May 2001. The contracts are valid and attend the Votorantim demand for slag (as defined in the project).</p> <p>Information evidencing that the new dryer was installed in 2003 was provided (services contracts).</p>	<p>DR/Site visit</p>	<p>No</p>
<p>Verify the Sustainable Development and Climate Change study.</p>	<p>The study was verified in the website.</p> <p>Votorantim is signatory of a environmental protocol of cement industries around world and have to manage its CO2 emissions. Evidences that Votorantim has participate in the meetings of cements companies regarding this protocol were verified during the site visit.</p>	<p>DR/Site visit</p>	<p>No</p>
<p>Verify ISO certificates and scope</p>	<p>See list of certificates in the references.</p>	<p>DR/Site visit</p>	<p>No</p>
<p>Verify receipts of energy used in the project site operations.</p>	<p>Verified the energy consumption worksheet and coal consumption worksheet.</p>	<p>DR/Site visit</p>	<p>No</p>

Issue	Findings	Source /Means of Verification	Further action / clarification / information required?
	Energy consumption in 2000 = 15800 Kwh, 2001 = 9800 Kwh. Coal consumption in 2000 = 10000 t, 2001 = 4400 t.		
Verify documents about transport information, distances, loads and fuel consumption.	Verified the document, distances are fixed and consequently fuel consumption is fixed to.	DR/Site visit	No
Verify worksheets benchmark analysis, monitored data, emissions factor and project emissions, baseline emissions, leakage and emission reductions, and data were obtained.	It was verified three worksheets in each plant, with present the data. The tables are also in the PDD and copy (electronic file) was provided to SGS.	DR/Site visit/I	No