

Annex 6C

## Operational Noise Impact Assessment

Annex 6C - Operation Noise Assessment

A) Calculation of Noise Levels at N2

Plant Item	Max. SWL, dB(A)	Distance between Source to NSR	Correction, dB(A)			CNL of individual PME, dB(A)	Overall CNL , dB(A) <sup>(1)</sup>	Daytime Criteria, dB(A)	Compliance	Night-time Criteria, dB(A)	Compliance
			Cdist	Barrier <sup>(2)</sup>	Façade						
GRS at LPS	113	1570	-72	0	3	44	44	54	Yes	45	Yes

Remarks:

- 1) Corrected Noise Level (CNL) = Max. SWL + distance correction + Barrier correction + façade correction
- 2) If noise totally screened by any structure such that none of the fixed plant noise sources will be visible from the NSR, a negative correction factor of 10 dB(A) is applied in the assessment. Otherwise, 0dB(A) is applied in the assessment.