



Brussels, 12 January 2015
(OR. en)

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COVER NOTE

From:	European Commission
date of receipt:	9 January 2015
To:	General Secretariat of the Council
Subject:	Annex to Commission Directive ../.../EU of XXX establishing common noise assessment methods according to Directive 2002/49/EC

Delegations will find attached document D034332/03 - Part 5.

Encl.: D034332/03 - Part 5

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APPENDIX H: DATABASE FOR INDUSTRIAL SOURCE

This appendix presents a few examples for input values for some industrial noise sources that may be used to calculate industrial noise following the method described in 2.4 Industrial noise. As industrial noise sources are extremely specific for each industrial site, appropriate values are obtained from local, national or international databases or measurements as appropriate.

Table H-1: Coefficients L_W , $L_{W'}$ and $\Delta L_{W,dir,xyz}(x, y, z)$ for sound power

$$\Delta L_{W,dir,xyz}(x, y, z)=0$$

$L_{W'}$ is expressed as sound power per metre for line source, or per squared metre for area source.

Description	Type of source	Source directivity	63	125	250	500	1000	2000	4000	8000
Grit blasting - outside - with nozzle	PointSource	FreeField	108,77	110,37	112,77	107,77	104,37	98,07	97,07	86,97
Rotary kiln	LineSource	FreeField	79,27	84,17	86,67	89,27	93,07	93,47	92,07	87,77
Ship yard	AreaSource	HemiSpherical	67,17	69,07	74,57	62,17	63,97	66,77	70,97	68,07
Gas terminal	AreaSource	HemiSpherical	74,17	70,07	65,57	64,17	59,97	57,77	51,97	56,07