

## Occupational Exposure Limits in mg/m<sup>3</sup> 8 hours TWA – Respirable dust – in EU 27<sup>1</sup> + Norway & Switzerland

Country/Authority (See caption p.2)	Inert dust	Quartz (q)	Cristobalite (c)	Tridymite (t)
<b>Austria / I</b>	6	0,15	0,15	0,15
<b>Belgium / II</b>	3	0,1	0,05	0,05
<b>Bulgaria / III</b>	4	0,07	0,07	0,07
<b>Cyprus/ IV</b>	/	10k/Q <sup>2</sup>	/	/
<b>Czech Republic/ V</b>		0,1	0,1	0,1
<b>Denmark / VI</b>	5	0,1	0,05	0,05
<b>Estonia</b>		0,1	0,05	0,05
<b>Finland / VII</b>		0,2	0,1	0,1
<b>France / VIII</b>		5 or 25k/Q		
<b>France / IX</b>	5	0,1	0,05	0,05
<b>Germany/X</b>	3	/ <sup>3</sup>	/	/
<b>Greece/XI</b>	5	0,1	0,05	0,05
<b>Hungary</b>		0,15	0,1	0,15
<b>Ireland/ XII</b>	4	0,05	0,05	0,05
<b>Italy/ XIII</b>	3	0,025	0,025	0,025
<b>Lithuania/ XIV</b>	10	0,1	0,05	0,05
<b>Luxembourg/ XV</b>	6	0,15	0,15	0,15
<b>Malta / XVI<sup>4</sup></b>	/	/	/	/
<b>Netherlands/ XVII</b>	5	0,075	0,075	0,075
<b>Norway/XVIII</b>	5	0,1	0,05	0,05
<b>Poland</b>		0,3	0,3	0,3
<b>Portugal/XIX</b>	5	0,025	0,025	0,025
<b>Romania/XX</b>	10	0,1	0,05	0,05
<b>Slovakia</b>		0,1	0,1	0,1
<b>Slovenia</b>		0,15	0,15	0,15
<b>Spain/ XXI</b>	3	0,1	0,05	0,05
<b>Sweden/XXII</b>	5	0,1	0,05	0,05
<b>Switzerland/XXIII</b>	6	0,15	0,15	0,15
<b>United Kingdom/XXIV</b>	4	0,1	0,1	0,1

<sup>1</sup> Missing information for Latvia. – To be completed.

<sup>2</sup> Q : quartz percentage – K=1

<sup>3</sup> Germany has no more OEL for quartz, cristobalite, tridymite. Employers are obliged to minimize exposure as much as possible, and to follow certain protective measures.

<sup>4</sup> When needed, Maltese authorities refer to values from the UK for OELVs which do not exist in the Maltese legislation.

## Caption

Country		Adopted by/Law denomination	OEL Name (if specific)
Austria	I	Bundesministerium für Arbeit und Soziales	Maximale ArbeitsplatzKonzentration (MAK)
Belgium	II	Ministère de l'Emploi et du Travail	
Bulgaria	III	Ministry of Labour and Social Policy and Ministry of Health. Ordinance n°13 of 30/12/2003	Limit Values
Cyprus	IV	Department of Labour Inspection. Control of factory atmosphere and dangerous substances in factories, Regulations of 1981.	
Czech Republic	V	Governmental Directive n°441/2004	
Denmark	VI	Direktoratet for Arbejdstilsynet	Threshold Limit Value
Finland	VII	National Board of Labour Protection	Occupational Exposure Standard
France	VIII	Ministère de l'Industrie (RGIE)	Empoussiérage de référence
	IX	Ministère du Travail	Valeur limite de Moyenne d'Exposition
Germany	X	Bundesministerium für Arbeit	Maximale ArbeitsplatzKonzentration (MAK)
Greece	XI	Legislation for mining activities	
Ireland	XII	2002 Code of Practice for the Safety, Health & Welfare at Work (CoP)	
Italy	XIII	Associazione Italiana Degli Igienisti Industriali	Threshold Limit Values (based on ACGIH TLVs)
Lithuania	XIV	Dél Lietuvos higienos normas HN 23:2001	Ilgalaikio poveikio ribinė vertė (IPRV)
Luxembourg	XV	Bundesministerium für Arbeit	Maximale ArbeitsplatzKonzentration (MAK)
Malta	XVI	OHSA – LN120 of 2003, <a href="http://www.ohsa.org.mt">www.ohsa.org.mt</a>	OELVs
Netherlands	XVII	Ministerie van Sociale Zaken en Werkgelegenheid	Publieke grenswaarden <a href="http://www.ser.nl/en/oel_database.aspx">http://www.ser.nl/en/oel_database.aspx</a>
Norway	XVIII	Direktoratet for Arbejdstilsynet	Administrative Normer (8hTWA) for Forurensing I Arbeidsmiljøet
Portugal	XIX	Instituto Portuges da Qualidade, Hygiene & Safety at Workplace NP1796:2004	Valores Limite de Exposição (VLE)
Romania	XX	Government Decision n° 355/2007 regarding workers' health surveillance. Government Decision n° 1093/2006 regarding carcinogenic agents (in Annex 3: Quartz, Cristobalite, Tridymite).	OEL
Spain	XXI	Instrucciones de Técnicas Complementarias (ITC) Orden ITC/2585/2007	Valores Limites
Sweden	XXII	National Board of Occupational Safety and Health	Yrkeshygieniska Gränsvärden
Switzerland	XXIII		Valeur limite de Moyenne d'Exposition
United Kingdom	XXIV	Health & Safety Executive	Workplace Exposure Limits

Source: IMA-Europe. Date: May 2010, updated version available at <http://www.ima-europe.eu/otherPublications.html>