

## 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>	5	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>		0,05	0,05	0,05
<b>France / VIII</b>	5	0,1	0,05	0,05
<b>Germany/IX</b>	0,5	/ <sup>3</sup>	/	/
<b>Greece/X</b>	5	0,1	0,05	0,05
<b>Hungary</b>		0,15	0,1	0,15
<b>Ireland/ XI</b>	4	0,1	0,1	0,1
<b>Italy/ XII</b>	3	0,05	0,05	0,05
<b>Lithuania/ XIII</b>	10	0,1	0,05	0,05
<b>Luxembourg/ XIV</b>	6	0,15	0,15	0,15
<b>Malta / XV<sup>4</sup></b>	/	/	/	/
<b>Netherlands/ XVI</b>	5	0,075	0,075	0,075
<b>Norway/XVII</b>	5	0,1	0,05	0,05
<b>Poland</b>	0,3	0,3	0,3	0,3
<b>Portugal/XVIII</b>	5	0,025	0,025	0,025
<b>Romania/XIX</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/ XX</b>	3	0,05	0,05	0,05
<b>Sweden/XXI</b>	5	0,1	0,05	0,05
<b>Switzerland/XXII</b>	6	0,15	0,15	0,15
<b>United Kingdom/XXIII</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)
<b>Austria</b>	<b>I</b>	Bundesministerium für Arbeit und Soziales	Maximale ArbeitsplatzKonzentration (MAK)
<b>Belgium</b>	<b>II</b>	Ministère de l'Emploi et du Travail	
<b>Bulgaria</b>	<b>III</b>	Ministry of Labour and Social Policy and Ministry of Health. Ordinance n°13 of 30/12/2003	Limit Values
<b>Cyprus</b>	<b>IV</b>	Department of Labour Inspection. Control of factory atmosphere and dangerous substances in factories, Regulations of 1981.	
<b>Czech Republic</b>	<b>V</b>	Governmental Directive n°441/2004	
<b>Denmark</b>	<b>VI</b>	Direktoratet for Arbejdstilsynet	Threshold Limit Value
<b>Finland</b>	<b>VII</b>	National Board of Labour Protection	Occupational Exposure Standard
<b>France</b>	<b>VIII</b>	Ministère du Travail	Valeur limite de Moyenne d'Exposition
<b>Germany</b>	<b>IX</b>	Bundesministerium für Arbeit	Maximale ArbeitsplatzKonzentration (MAK)
<b>Greece</b>	<b>X</b>	Legislation for mining activities	
<b>Ireland</b>	<b>XI</b>	2011 Code of Practice for the Safety, Health & Welfare at Work (CoP)	
<b>Italy</b>	<b>XII</b>	Associazione Italiana Degli Igienisti Industriali	Threshold Limit Values (based on ACGIH TLVs)
<b>Lithuania</b>	<b>XIII</b>	Dėl Lietuvos higienos normos HN 23:2001	Ilgalaikio poveikio ribinė vertė (IPRV)
<b>Luxembourg</b>	<b>XIV</b>	Bundesministerium für Arbeit	Maximale ArbeitsplatzKonzentration (MAK)
<b>Malta</b>	<b>XV</b>	OHSa – LN120 of 2003, <a href="http://www.ohsa.org.mt">www.ohsa.org.mt</a>	OELVs
<b>Netherlands</b>	<b>XVI</b>	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>
<b>Norway</b>	<b>XVII</b>	Direktoratet for Arbejdstilsynet	Administrative Normer (8hTWA) for Forurensing I Arbeidsmiljøet
<b>Portugal</b>	<b>XVIII</b>	Instituto Portuges da Qualidade, Hygiene & Safety at Workplace NP1796:2004	Valores Limite de Exposição (VLE)
<b>Romania</b>	<b>XIX</b>	Government Decision n° 355/2007 regarding workers' health surveillance. Government Decision n° 1093/2006 regarding carcinogenic agents (in Annex 3: Quartz, Cristobalite, Tridymite).	OEL
<b>Spain</b>	<b>XX</b>	Instrucciones de Técnicas Complementarias (ITC) Orden ITC/2585/2007	Valores Limites
<b>Sweden</b>	<b>XXI</b>	National Board of Occupational Safety and Health	Yrkeshygieniska Gränsvärden
<b>Switzerland</b>	<b>XXII</b>		Valeur limite de Moyenne d'Exposition
<b>United Kingdom</b>	<b>XXIII</b>	Health & Safety Executive	Workplace Exposure Limits

Source: IMA-Europe. Date: January 2014