



ExMC/320/CC  
June 2006

**INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) SCHEME FOR  
CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR  
EXPLOSIVE ATMOSPHERES  
(IECEX SCHEME)**

**Title: Compilation of comments relating to ExMC/308/Q**

**To: Members of the IECEx Management Committee, ExMC**

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**INTRODUCTION**

This document is a compilation of comments received relating to the  
***ExMC/308/Q Questionnaire – The industry need for an International  
verification/certification system for Competency in the Ex field***

WG12 was set up as a result of discussions held during the ExMC Buxton 2005  
series of Meetings.

**Chris Agius**  
**IECEX Secretariat**

**Address:**  
**SAI Building**  
**IECEX**  
**286 Sussex Street**  
**Sydney NSW 2000**  
**Australia**

**Tel: +61 2 8206 6000**  
**Fax: +61 2 8206 6272**  
**Email: [chris.agius@iecex.com](mailto:chris.agius@iecex.com)**



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***The following countries have contributed to this final compilation of comment on ExMC/308/Q***

<b>AU</b>	<b>Australia</b>
<b>CZ</b>	<b>Czech Republic</b>
<b>DE</b>	<b>Germany</b>
<b>DK</b>	<b>Denmark</b>
<b>FR</b>	<b>France</b>
<b>GB</b>	<b>United Kingdom</b>
<b>HU</b>	<b>Hungary</b>
<b>JP</b>	<b>Japan</b>
<b>KR</b>	<b>Korea</b>
<b>NL</b>	<b>Netherlands</b>
<b>NO</b>	<b>Norway</b>
<b>NZ</b>	<b>New Zealand</b>
<b>RO</b>	<b>Romania</b>
<b>RU</b>	<b>Russia</b>
<b>SE</b>	<b>Sweden</b>
<b>SI</b>	<b>Slovenia</b>
<b>US</b>	<b>United States</b>

***Countries NOT responding.***

<b>CA</b>	<b>Canada</b>
<b>CH</b>	<b>Switzerland</b>
<b>CN</b>	<b>China</b>
<b>IT</b>	<b>Italy</b>
<b>SG</b>	<b>Singapore</b>
<b>ZA</b>	<b>South Africa</b>



Y = YES N = NO

Country	Q1		Q2		Q3			Q4									Q5		Q6		
	Are persons working in the Ex field required to demonstrate their competency?		Does any formal nationally recognised training exist to help gain competency?		Is there an assessment process to verify the level of competency?			If competencies are in place do they cover:									Would it be of benefit if it were established on an International basis and assessed by a recognized body? e.g. IEC Ex Scheme		Obstacles to be overcome regs or laws?		
	Yes	No	Yes	No	Yes/No	a	b	a	b	c	d	e	f	g	h	i	Yes	No	Yes	No	
AU	Y For some work in some jurisdictions		Y		Y	Y Varies from State to State	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y				N
CZ		N		N	N			N	N	N	N	N	N	N	N	N			N		N
DE	Y Regulatory requirement			N	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y			N	Y	
DK		N		N	N	Danish comment: In Denmark it is the implementation of the European Directive 99/92 which gives the level of workers protection, access to classified areas and the issues dealt with in question 4.											N	N/A			
FR	Y No Regulatory requirement			N	N		N				Y				Y				N		N
GB	Y DSEAR Regs and Electricity at work regs		Y		Y	Y COMP Ex	Y EASA	N	N	N See form	N	Y	Y	Y	Y	Y	Y			N	
HU	Y Regulatory requirement		Y		Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	
JP		N		N	N	N	N	N	N	N	N	N	N	N	N	N	Y				N



Country	Q1		Q2		Q3			Q4									Q5		Q6	
	Are persons working in the Ex field required to demonstrate their competency?		Does any formal nationally recognised training exist to help gain competency?		Is there an assessment process to verify the level of competency?			If competencies are in place do they cover:									Would it be of benefit if it were established on an International basis and assessed by a recognized body? e.g. IEC Ex Scheme		Obstacles to be overcome regs or laws?	
	Yes	No	Yes	No	Yes/No	a	b	a	b	c	d	e	f	g	h	i	Yes	No	Yes	No
KR	Y			N	N	N	N	N	N	N	N	N	N	N	N	N	Y			N
NL	Y Regulatory requirement		Y		N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			N
NO	Y Regulatory requirement			N	N	Y&N	Y&N Some ind.	N	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y
NZ	Y Regulatory requirement		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			N
RO	Y Regulatory requirement		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			N
RU	Y Regulatory requirement		Y		Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y			N
SE		N		N	N		N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			N
SI	Y Regulatory requirement			N	Y	Y	N	N	N	N	N	Y	Y	N	Y	Y	Y			Y
US		N		N	N	N	N	N	N	N	N	N	N	N	N	N	Y			Y
	12	5	7	10	7/10			6	6	9	9	10	10	10	11	11	13	4	5	10



	Priority	Critical	Important	Helpful	Not required
<u>Management</u>					
AU	4		X		X
CZ	8				X
DE	3				X
DK	-				
FR	8				X
GB	-				
HU		X			
JP	8				X
KR					X
NL	5		X		
NO	X				
NZ	1	X			
RO	8		X		
RU	1	X			
SE	7		X		
SI	8				X
US	9			X	
		3	4	1	6
<u>Design</u>					
AU	3	X			
CZ	7			X	
DE	3				X
DK	-				
FR	6			X	
GB	-				
HU	X				
JP	8				X
KR				X	
NL	8	X			
NO			X		
NZ	2	X			
RO	7			X	
RU	1	X			
SE	8	X			
SI	7			X	
US	1		X		
		5	2	5	2
<u>Area Classification</u>					
AU	3		X		
CZ	2		X		
DE	6		X		
DK	-				
FR	8			X	
GB	-				
HU	X				
JP	1		X		
KR				X	
NL	6	X			
NO	X				
NZ	3		X		
RO	8		X		
RU	1	X			
SE	8	X			
SI	5		X		
US	6		X		
		3	8	2	0



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	Priority	Critical	Important	Helpful	Not required
<b><u>Installation</u></b>					
AU	1	X			
CZ	1	X			
DE	5			X	
DK	-				
FR	1		X		
GB	-				
HU		X			
JP	4		x		
KR			X		
NL	7	X			
NO	X				
NZ	4		X		
RO	8		X		
RU	1	X			
SE	8	X			
SI	1	X			
US	2		X		
		7	6	1	0
<b><u>Plant Operators</u></b>					
AU	5			X	
CZ	n/a				X
DE	5				X
DK	-				
FR	-			X	
GB	7				
HU	-				
JP			X		
KR	8				x
NL				X	
NO	5		X		
NZ	X				
RO	8		X		
RU	7		X		
SE	1	X			
SI	6		X		
US	6		X		
	8		X		
		1	7	3	3



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	Priority	Critical	Important	Helpful	Not required
<u>Inspection</u>					
AU	1	X			
CZ	3		X		
DE	5				X
DK	-				
FR	5			X	
GB	-				
HU			X		
JP	7			X	
KR			X		
NL	7	X			
NO	X				
NZ	5		X		
RO	7		X		
RU	1	X			
SE	7		X		
SI	4		X		
US	3		X		
		3	8	2	1
<u>Ex related Auditing</u>					
AU	2		X		
CZ	4			X	
DE	3				X
DK	-				
FR	4			X	
GB	-				
HU		X			
JP	8				X
KR				X	
NL	3			X	
NO			X		
NZ	8		X		
RO	8		X		
RU	1	X			
SE	6		X		
SI	8			X	
US	7		X		
		2	6	5	2



	Priority	Critical	Important	Helpful	Not required
<u>Maintenance</u>					
AU	1	X			
CZ	6			X	
DE	6		X		
DK	-				
FR	2		X		
GB	-				
HU			X		
JP	3		X		
KR			X		
NL	8	X			
NO	X				
NZ	6		X		
RO	7			X	
RU	1	X			
SE	7		X		
SI	3	X			
US	5		X		
		4	8	2	0
<u>Overhaul &amp; Repair</u>					
AU	2	X			
CZ	5			X	
DE	6		X		
DK	-				
FR	3		X		
GB	-				
HU			X		
JP	2		X		
KR			X		
NL	6	X			
NO	X				
NZ	7		X		
RO	7			X	
RU	1	X			
SE	7		X		
SI	2	X			
US	4		X		
		4	8	2	0

Summary

Final priority order

Installation

Repair & Overhaul

Maintenance

Area Classification

Inspection

Design

Auditing

Plant Operators

Management