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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Safety Committee and the
Working Party on the Transport of Dangerous Goods
(Bern, 7-11 March 2005)

OTHER BUSINESS

Report on the Forum on dangerous goods safety advisers

Addendum 1

Transmitted by the Government of France */

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FORUM

THE SAFETY ADVISER AND ITS APPLICATION/IMPLEMENTATION IN RID/ADR/ADN COUNTRIES

PARIS JUNE 2004

GLOSSARY:

- **Examination session:** the organisation of an examination at a given date in one or more examination centres.
- **Regulations:** one of the following agreement or regulations: ADR, RID, ADN or ADNR
- **External safety adviser:** a person who is not directly employed by the undertaking which appoint her/him as its safety adviser (see 1.8.3.4). The external safety adviser may be appointed by several undertakings at the same time.

ABBREVIATIONS :

Y Yes **N** No **NA** No applicable

SA Safety Adviser

CA Competent Authority

EB Examination Body

CS Case Study

Q Questionnaire **OQ** Opened question **MCQ** Multiple Choice Question

COUNTRIES WHICH HAVE ANSWERED TO THE QUESTIONNAIRE :

A	AUSTRIA
B	Belgium
CH	Switzerland
CZ	Czech
D	Germany
DK	Danemark
E	Spain
F	France
FIN	Finland
GB	United Kingdom
IRL	Ireland
LIT	Littuania
LV	Lettonia
N	Norway
NL	Netherlands
P	Portugal
PL	Poland
RO	Roumania
RU	Russia
S	Sweden
SK	Slovakia

OBTENTION OF THE VOCATIONAL TRAINING CERTIFICATE

1. REQUIREMENTS FOR THE CANDIDATES

*Importance of the mission of DGSA and thus of the level of examination and the prerequisites to pass it
4 points to be developed :*

- Age limit ?
- Educational level ?
- Professional experience ?
- Preliminary training ?

1.1 Is there a fixed age limitation?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	N	N

If Yes, indicate the age limitation.....

PL	RU
21	22

Not significant condition

1.2 Is there any required degree for the application?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	N	Y	Y	Y	Y	N	Y

If Yes, indicate the required degree

CZ	LIT	P	PL	RO	RU	SK
SEC	HIGHER	SEC	HIGHER	HIGHER	HIGHER	SEC

L Level of higher studies. The level of the examination can also guarantee a certain level of studies (CS and Q)

Shall the candidate justify his degree with diplomas?

NO

YES

CZ	LIT	P	PL	RO	RU
Y	Y	Y	Y	Y	N

1.3 Is a preliminary professional experience required?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

If Yes, what kind of professional experience?

RU
Dangerous goods employee

Criterion retained by only one country

1.4 Is a preliminary course, provided by a specialized training provider, required?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y	N	N	Y	Y	Y	Y	N	N

If Yes :

- Does the training provider have to be recognized by the Competent Authority?

NO

YES

A	B	CH	CZ	D	LIT	LV	P	PL	RO	RU
Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y

If yes :

- What conditions have to be met by the training provider in order to be recognized or given approval ?

A	With Trainers 24 years minis, qualified Organism of teaching recognized
B	Choice by the CA, Ministerial decree
CZ	Training in conformity with the requirements of the CA
D	Trainers and Training body recognized, including teaching material and rooms
LIT	Trainers and Training body approved by CA
LV	Trainers must hold DGSA certificate / Training body in conformity with the CA 's requirements
P	Approval by CA
PL	Training body in conformity with the requirements of CA
RO	Serious of trainers, financial capacity and professional competence of Training Body
RU	Training in conformity with the requirements of the CA

- What is the duration of the approval?

A	Unlimited
B	Unlimited
CZ	Unlimited
D	5 years
LIT	5 years
LV	Unlimited
P	5 years
PL	Unlimited
RO	5 years
RU	4 years

- What is the duration of the course?

A	5/6 days
B	12 H general + 12 H per spécialisation
CH	4/5 days
CZ	5 days
D	4 to 6 days
LIT	2 à 4 days
LV	8/9 days
P	6/7 days
PL	5/6 days
RO	5/6 days
RU	5 days if experienced or 10 days if beeginers

Training is mandatory for half of countries:

- Approval by CA not limited or 4/5 years
- Training last from 2 to 9 days. (Average : 1 week)
- Variable duration according to the selected specialisation

2 ORGANIZING OF THE EXAMINATION

Direct organization by CA or delegation to with one (or several) approved EB

2.1 Does the Competent Authority undertake the organizing of the examination?

NO	YES
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A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

If Yes, is there a list of operating requirements to fulfil?

D	FIN	LIT	LV	PL	RO	S	SK
N	N	N	N	N	N	N	N

If No:

- What is, or what are, the examination body(ies)?

A	Approved organizations as an organization of formation
B	Institute of the Road Transport
CH	Four EB approved
CZ	Organismes approved by CA
DK	Danish Emergency Management Agency (ADR) Danish Railway Inspectorate (RID)
E	Transport General Direction of the Autonomous Areas
F	CIFMD Comité Interprofessionnel pour le développement de la Formation dans le Transports de Marchandises dangereuses
GB	Scottish Qualification Authority
IRL	Chartered Institute of Logistics and Transport
N	National Institute of Technology
NL	Examen Huis
P	Two EB approved as Training Bodies
RU	International Dangerous Goods and Containers Association

- Do the examination bodies organize preliminary courses?

NO

YES

A	B	CH	CZ	DK	E	F	GB	IRL	N	NL	P	RU
Y	N	Y	N	N	N	N	N	N	N	N	Y	N

In 3 states the EB the same body provide both training and examination

- How can the independence of the examination body be established (for example: in relation to the training)?

A	Procedures approved by CA
B	EB and training body are independent organizations
CH	EB 's procédures approved
CZ	Member of the jury are independent
DK	EB and training body are independent organizations
E	CA control
F	EB and training body are independent organizations
GB	EB and training body are independent organizations
IRL	EB and training body are independent organizations
N	EB and training body are independent organizations
NL	EB and training body are independent organizations
P	EB separated the training and examination activities
RU	EB and training body are independent organizations

Independence of examination and training bodies is considered as important

- How are the examination bodies designated and given approval?

A	Approved by regional CA
B	Ministerial decree
CH	By CA
CZ	By CA
DK	Decree by CA
E	Lawful Decree
F	Ministerial decree
GB	Decree
IRL	NA
N	By CA
NL	By CA
P	Approval by CA
RU	By CA

- How does the Competent Authority control the examination bodies?

A	Auditing by expert
B	Questions and marks made by CA
CH	Auditing by CA
CZ	President of jury civil servant of Ministry
DK	EB are public office
E	Auditing by CA
F	Procedures approved by CA
GB	Quarterly Meeting of ratification of results
IRL	Contract with procedures to respect
N	Annual Meeting
NL	Results control, and audits of the EB
P	Random Controls at the time of the examination and Audits
RU	EB reports on its activity to CA and CA audits EB

CA checks EB: Audits, assessments, President of the jury

- Is there a list of operating requirements to fulfil?

NO

YES

A	B	CH	CZ	DK	E	F	GB	IRL	N	NL	P	RU
NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N

If Yes:

- Has this list been given the Competent Authority approval?

NO

YES

B	CH	CZ	DK	E	F	GB	IRL	N	NL	P
Y		Y	Y	Y	Y	Y	Y	N	Y	Y

- Does the Competent Authority ensure that this operating requirements are fulfilled?

NO

YES

B	CH	CZ	DK	E	F	GB	IRL	N	NL	P
Y		Y	Y	Y	Y	Y	Y	N	Y	Y

If Yes, how is this supervision organized?

B	Controls at the time of examinations
CZ	President of the jury is a civil servant of CA
DK	Only if appeal of a candidate
E	Auditing by CA
F	President of the jury civil servant of CA
GB	Meeting
IRL	quarterly meeting with CA and audit of EB
NL	
P	At exams

A majority of the EB have procedures.
They are approved and checked by CA in most of cases

2.2 Is there a fee payable to undertake the examination?

NO

YES

Currency : Euros

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Several fees	100 + 12,5 par Sp	325 to 390	30	110	322	18	266	170	129 or 350 or 440	130 or 260 or 395 or 110	20 per Spec	75	300	125 or 147 or 167	Free	80	7, 3 (ADR) or 170 (RID)	73	250	13

There is a fee payable excepted in one or two countries. All-in price or according to the selected specialisation.

2.3 How many examination sessions* were organised by each examination body during 2003?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
30	20	27	37	12 at each regional CA	4	17	2	18	4	3	12	13	On demand	10	10	70	24	4	15	4

One session per year until the session "at request"

** A session is the organisation of an examination at a given date.*

2.4 In your country, how many candidates have sat the examination in 2003?

Only for the initial examination
(in certain states DGSA regulation are in force only since 2003)

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
	601	314	536	4120	111	3556	833	161	657	117	220	153	46	1147	128	2100	215	51	95	113

2.5 In your country, how many candidates have successfully passed the examination in 2003?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
260	448	280	422	3500	52	1585	555	147	496	83	179	112	42	684	118	1055	194	51	67	103

% réussite

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
	75	89	79	85	47	45	67	91	75	71	81	73	91	59	92	50	90	100	71	91

2.6 Are the examination booklets national?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	N	Y	Y	Y	Y	Y	One but not national	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	One but not national	Y

5 particular cases: CH, END, N, P, S

Centralized subjects make it possible to facilitate the harmonization of the examinations at a national level

A	B	CZ	D	DK	E	F	GB	IRL	LIT	LV	N	NL	PL	RO	RU	S	SK
30+	1	1	71	1	17	7	8	2	5	1	128	variable	16	42	1	1	1

If No, how many examination bodies, proposing their own examination booklet, are there?

CH	FIN	P
4	1	2

2.7 Does each specialized examination cover the general provisions of the Regulations*?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Unanimity

If Yes, how many examination centres are there?

* One of the following agreement or regulation: ADR, RID, ADN or ADN R

2.8 Is any of the specialisation according to 1.8.3.13 of the Regulations* imposed to the candidates?

Not exploitable answers (incomplete English Translation). The initial question was intended "to all the" candidates.

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	N	V	N	N	V	N	V	V	V	V	V	V	N	V	N	N	V	N	N

If Yes, which one?

2.9 Are the examination centres or locations monitored?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	V	V	N	N	N	V	N	V	V	V	V	V	N	V	V	V	V	V	V

If Yes, who undertake the monitoring ?

CH	
CZ	CA
F	EB
GB	EB
IRL	EB
LIT	CA
LV	CA
N	
P	CA
PL	CA
RO	CA
RU	CA
S	CA
SK	CA

A majority of the countries makes audits of the centers of examination. Performed by EB or CA

3. MODALITIES OF THE EXAMINATIONS

3.1 Is the candidates' identity controlled?

NO	YES
----	-----

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Unanimity

3.2 Are the candidates' papers anonymous?

NO	YES
----	-----

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	Y	N	Y	N	N	Y	Y	N	N	Y	N	N	Y	Y	N	N	N	Y	Y	N

3.3 Are there any supervisors in the examination room?

NO	YES
----	-----

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

If Yes, how many candidates are there for each supervisor?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
2 par salle		14	8	25-30	10 - 15	20	25	10 - 25	20	15	1 Par salle	3 - 5	1	15	18	10	7	12 - 15	20	5

Unanimity. 1 supervisor for maximum 25/ 30 person

3.4 Are the candidates allowed to consult the Regulations* ?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y

Quasi unanimity

3.5 Are there any other documents which may be used by the candidates in the examination?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	N	N	N	N	Y	Y	N	N	Y	Y	Y	N	Y	N	N	N	N	Y	Y	Y

Which are the other authorized documents?

3.6 Is the use of a laptop computer permitted?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	Y	N	Y

Majority of No. The use of the computer makes it possible to consult additional information

3.7 Is there an expelling procedure in case of any irregular behaviour?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	N	Y	N	N

If Yes, which behaviour could result in an expulsion?

All those which answered yes: fraud, prohibited documents, chattering, telephone...

A majority answered yes .For those which answered no , is there, nevertheless, a possibility of exclusion?

3.8 What is the duration of the "questionnaire" part of the written examination (1.8.3.12 a)?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
1H30 for Q and CS for 1 mode	2H30 for Q and CS	2H00 for Q and CS	1H30	1H30 to 3H00 for Q and CS	2H30	1H00	2H30	2H00	1H45 per classe	1H15 +1H45 per classe	3H30	2H30	2H00	2H00	2H30	2H30	1H30	3H00	3H20	2H00

3.12 What is the duration of the "case study" part of the examination (1.8.3.12 b)?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
1H30 for Q and CS for 1 mode	2H 30 for Q and CS	2H00 for Q and CS	1H30	1H30 to 3H00 for Q and CS	2H00	1H00	1H30	1H30	1H45	1H45	1H00	2H00	2H00	1H30	20 min oral after a personnal work of 8 days	1H30	1H30	0H30	2H00	1H30

TOTAL

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
1H30 for 1 mode	2H30	2H00	3H	1H30 to 3H00	4H30	2H00	4H	3H30	3H mini	4H15	4H30	4H30	4H00	3H30	2H50	4H	3H	3H30	5H20	3H30

Duration 1H30 to 5H30.

Fixed or variable duration according to the selected specialisation.

Duration Q longer than CS

3.9 et 3.10 Questionnaire

Chap 1.8.3.12 : 20 OQ or 40 MCQ

3.9 How many open questions does the "questionnaire" include?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
20	19 ou 20	45	12	20 à 25	Zéro	Zéro	Zéro	10	10 mode+ 10 + 8	10 mode+ 8 à 10 classe	zéro	Zéro	Zéro	Zéro	10	Zéro	Zéro	20	Zéro	10

3.10 How many multiple choice questions does the "questionnaire" include?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
0	0 ou 2	Variable	18	12 max	40	50	50	20	Zéro	Zéro	40	40	30	40	20	45	70	4	40	30

OQ : 3 countries / MCQ 10 countries / Mixed : 7 countries

3.11 Is there a mandatory scale imposing questions per goal or part of the Regulations* ?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	V	N	V	V	N	N	N	V	V	V	N	V	N	V	V	V	V	N	V	N

4. QUESTIONS' DATABASE

- Purpose of the Database: single source, comparison of the questions
- 3 important points: Development, Update, Access
- Competences: knowledge of the regulation, Drafting of questions
- According to the cases open questions (20 per examination) or QCM (40 per examination)
- A number sufficient of questions for the choice
- Difficulty of the update
- Is the Database published ?

4.1 Is there a database of questions for the examination's questionnaire?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y

If Yes:

- Who has established this database?

B	CA
CH	Every EB have is own database
CZ	Jury
D	Experts working Greoups, chaired by German Chamber of Industry and Commerce
DK	Danish Emergency Management Agency
E	CA
F	Comité Interprofessionnel pour le développement de la Formation dans le transport de marchandises Dangereuses
FIN	CA
GB	Scottish Qualification Authority et Experts
IRL	Chartered institute of logistics and transport
LIT	CA
LV	Jury
N	National institut of technologie
NL	CA
P	Training Organism with CA approval
PL	CA
SK	CA

- How many questions are there in the database?

B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	SK
240	250	300	650	300	4419	2642	450	1085		340	600	666	700	300	300	150

- How is the database segmented?

B	By specialisation
CH	General , Road and Rail Questions
CZ	By class
D	By mode and specialisation
DK	General and Specialisation
E	Q road 1787, Rail: 1388, Case Study Road 614, Case study Rail 530
F	General and Specialisation
FIN	opened Question, QCM and EDC
GB	General 228, Road 1388, Rail 76, inland water way 17
IRL	3 parts
LIT	According to ADR
LV	General, Road, Rail and by class
N	9 parts
NL	By specialisation
P	By module QCM 185, Q open 115
PL	General, Road and by class
SK	Opened Question, QCM and EDC

- How often is the database updated?

B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	SK
2 years	permanent	permanent	2 years mini	2 years	2 years	2 years	permanent	2 years	permanent	permanent	permanent	2 years	Permanent	1 year	permanent	2 years

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- Can the general public have access to the database?

NO

YES

B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	SK
																

If No, do you consider that the database belongs to the examination body?

NO

YES

B	CH	CZ	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	SK

5. THE EXAMINATION LEVEL

The covered subject is the harmonization of the level, the analysis of the level of the examination will be made later on. Weighting of the questions

Selection of the questions

Experts experience

5.1 Are the questions (of the questionnaire) allocated a different weighting?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
Y	Y	Y	N	Y	N	Y	N	Y	Y	Y	N	N	N	N	Y	N	Y	Y	N	Y

5.2 In case of a national examination, how is the harmonisation of the level of the different sessions* ensured?

B	If variation is noted, correction brought by CA
CZ	Single jury in the country
D	Q are provided by the central EB to the local where the examination takes place
F	Old subjects transmitted to the members of the jury, and at least 1 jury having taken part in the last examination
FIN	3 members of jury for the country
GB	
IRL	Comparison results between the sessions. Experience of person in charge of the examination
LIT	Subject always selected by CA
LV	Subject always selected by CA. Single jury in the country
N	
NL	Comparison of results between examinations
PL	Always same experts who choose
RO	Always same experts who choose
RU	Always same experts who choose
S	Controls by a group of experts in relation to CA
SK	

5.3 In case of several examination bodies, how is the harmonisation of the level of the different examination booklets ensured?

A	Manager of examination establishes a plan of control for the experts
CH	Database auditing by CA
D	EB choose in the same database and experience sharing
DK	EB cooperation
E	Level fixed by the CA
P	Programmed union of the 2 Databases

6. THE CHOICE OF THE SUBJECTS

Important role of the experts

6.1 Is there a body that undertake the choice of the multiple choice or opened questions of the "questionnaire"?

Question rewriting : Who chooses the questions of the questionnaire?

NO

YES

A	CA
B	CA
CH	Jury
CZ	Jury
D	Every Regional EB chooses in the same database
DK	EB
E	By computer
F	Jury
FIN	EB
GB	EB and CA
IRL	EB
LIT	By computer
LV	Jury
N	EB
NL	Experts
P	EB
PL	CA
RO	EB
RU	Experts
S	Experts
SK	CA

6.2 Is there a body that undertake the choice of the "case study"?

NO

YES

Question rewriting : Who chooses the questions of the case study?

A	CA
B	CA
CH	Jury
CZ	Jury
D	Every Regional EB chooses in the same database
DK	EB
E	By computer
F	Jury
FIN	EB
GB	EB and CA
IRL	EB
LIT	By computer
LV	Jury
N	EB
NL	Experts
P	Experts
PL	CA
RO	EB
RU	Experts
S	Experts
SK	CA

7. MARKING EXAMINATION PAPERS

One or several markers
Weight of the CS compared to Q
Eliminatory mark

7.1 Are the opened questions of each candidate marked by only one marker?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	Y	N	N	Y	NC	Y	NC	Y	N	Y	Y	NC	NC	N	N	NC	NC	N	Y	Y

If No, how many markers are marking each answer sheet?

A	CH	CZ	GB	P	RU
2	2	3	1 to 2	5	3

7.2 Is the case study of each candidate marked by only one marker?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	Y	N	N	Y	N	Y	particular	Y	N	Y	Y	N	Y	Y	Y	N	N	N	Y	Y

If No, how many markers are marking each answer sheet?

A	CH	CZ	DK	F	GB	LV	PL	RO	RU
2	2	3		1 or 3		3	2 mini	2	3

7.3 Are the multiple choice questionnaires machine scored/marked by optical reader?

NO	YES
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A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
NA	N	N	N	N	N	N	Y	N	NA	NA	Y	N	Y	N	N	NA	N	N	N	N

7.4 What is the maximum score for the "questionnaire"?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
50	25 + 20 par sp	90 or 130	30	50 to 70	40	100	60	40	50	100	40	40	3 x 100	100	100	225	70	5	40	50

7.5 What is the maximum score for the "case study"?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
10	10	30 or 20	No mark	10 to 22	100	100	40	20	35	50	10	100		10	100	100	10	2	8	50

7.6 Is there an eliminatory mark for each paper ("questionnaire" and "case study")?

NO	YES
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A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	Y	N	Y	N	Y	Y	Y	N	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N

It guarantees a minimum level

If Yes:

- What is the eliminatory mark for the "questionnaire"?

B	CZ	DK	E	F	IRL	LV	N	NL	P	PL	RO	RU	S
15	27	?	50	40	2 X 32	32	3 X 67	70	60	N	49	3	24

- What is the eliminatory mark for the "case study"?

B	CH	CZ	DK	E	F	IRL	LV	N	NL	P	PL	RO	RU	S
6	15/30 or 13,2/20	Value judgment	60	50	14	1 X 32	70		70	50	Value judgment	7	0	5

7.7 What is the pass mark expected for each examination?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
48	21 + 12 per sp		27	30 to 46	64	100	60	42	51	96	40	102			110	260	56	4	29	85
80 %		50 % or 66%		50 %	46%	50 %	60 %	70 %	60 %	64 %	80 %	73 %		70%	55 %	80 %	70 %	57 %	60 %	85 %

7.8 Is there a board of examiners who undertake the marking and the results' proclamation?

Definition of Jury. It can, according to the cases:

- Prepare the subjects
- Correct the tests
- Proclaim the results

Role of experts

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK

If No:

- Who designate the markers?

A	CA
D	EB
DK	EB
F	EB
FIN	CA
IRL	EB
LIT	CA
N	EB
NL	EB
P	EB
RU	EB
S	CA

- What are the requirements for being designated as a marker?

A	Expert
D	Expert
DK	Expert
F	Expert
FIN	Expert
IRL	Expert
LIT	Expert
N	Expert
NL	Expert
P	Expert
RU	Expert
S	Expert

- Who issues the results?

A	EB
D	EB
DK	EB
F	EB
FIN	EB
IRL	EB
LIT	EB
N	EB
NL	EB
P	CA
RU	EB
S	CA

If Yes:

- Who designate the examiners?

B	CA
CH	EB
CZ	CA
E	CA
GB	EB
LV	CA
PL	CA
RO	CA
SK	CA

- How is the board constituted?

B	Civils servant
CH	Experts
CZ	Civils servant
E	Civils servant
GB	Civils servant and expert
LV	CA's order
PL	Expert
RO	1 person
SK	4 person

- Is the board constitution the same as that of the body in charge of the choice of examination subjects?

NO

YES

B	CH	CZ	E	GB	LV	PL	RO	SK
Y	Y	Y	Y	Y	Y	N	Y	Y

- What are the requirements for sitting on the board of examiners?

B	Civil servant
CH	Expert
CZ	DGSA and expert
E	Civil servant
GB	Expert
LV	DGSA and expert
PL	DGSA and 8 years experience
RO	Examiner diploma
SK	DGSA and experience

- Is there a testing procedure to select the examiners?

NO

YES

If Yes, who undertakes this selection?

B	CH	CZ	E	GB	LV	PL	RO	SK
Y	Y	N	Y	Y	N	N	Y	N

B	CH	E	GB	RO
CA	EB	CA	EB	CA

- Are the markers members of the board of examiners?

NO

YES

B	CH	CZ	E	GB	LV	PL	RO	SK
N	Y	Y	Y	Y	Y	Y	Y	Y

- Is the board of examiners empowered to make its own judgement independently from that of markers?

NO

YES

B	CH	CZ	E	GB	LV	PL	RO	SK
Y	Y	N	N	Y	N	N	N	N

7.9 Is there an appeal procedure for candidates who fail the examination?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N

If Yes, what is the appeal procedure?

B	Possible appeal during 1 month near the Board of examiners
CH	administrative procedure
D	Oral or written administrative procedure
DK	Appeal at the CA or at a Court
E	New examination
F	Appeal at the President of the Jury
FIN	Appeal at the CA or at a Court
GB	Appeal during 1 month at the EB
IRL	Appeal during 1 month at the EB
LIT	Appeal during 10 days at the CA
LV	Appeal during 3 days at the CA
N	Appeal at the CA
NL	Appeal procedure
P	Appeal at the EB and after at the CA
PL	Appeal at the CA

Yes majority. Appeal at the CA

In most of Countries having answered No tests are corrected by several examiners

8. ISSUE OF THE VOCATIONAL TRAINING CERTIFICATES

Certificate validity 5 years

8.1 Does the Competent Authority issue the VTCs?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	N	N	Y	Y	N	Y	N	N	N	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y

If No, who issues the VTCs ?

A	EB
B	Exam Jury
CH	EB
DK	EB
F	EB
FIN	EB
GB	EB
N	EB
NL	EB

8.2 Is there a national running list of the valid VTCs issued in your country?

NO

YES

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
N	V	N	V	V	V	V	V	N	V	V	V	V	V	V	V	V	V	V	N	V

If Yes, can the inspection bodies have access to this list?

NO

YES

B	CZ	D	DK	E	F	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	SK
V	V	N	V	V	V	V	V	V	V	N	V	V	V	V	V	V

Without national database : Control are difficult

8.3 How many valid VTCs are there in your country?

A	B	CH	CZ	D	DK	E	F	FIN	GB	IRL	LIT	LV	N	NL	P	PL	RO	RU	S	SK
2650	3912	900	838	14055	604	19794	6487	1300	4381	612	179	157	417	4284	411	1730	202	85	1017	

In certain countries DGSA regulation are in force only since 2003.