

Questionnaire Forum EFNDT- Railways

Organization of NDT Personnel Certification for the Railways Sector

As you probably know, EFNDT launched in November 2010 a Forum dedicated to "Railways". At this point, two meetings were organized and the objectives of the forum were discussed.

In order to better apprehend the national organizations of NDT in Railways in Europe, we would be grateful if you could support our work by answering the here enclosed questionnaire.

This exercise will possibly require the participation of the representatives of your national railways sector committee, railways industry or railways undertaking.

As we will discuss the results of this inquiry during the next meeting that will be organized end June, we would be very grateful if you could answer by 10th June.

We thank you very much for that. We remain at your disposal for any additional question (contact Mr KRULL) you may have and would very much appreciate to meet you or your representative of the sector to the next Railways forum meeting.

Please note that the questions can be answered optionally.

Part 1: Questions related to NDT personnel certification

1/ Generalities:

1.1.	Which standard do you follow for NDT personnel certification? o EN 473, edition:
	ISO 9712, edition:If other, please specify:
	/hich is (are) the national NDT certification body(ies) in your country?
1.3.	oes a NDT sector dedicated to "Railways" exist in your country ? o Yes o No
	oes the sector « Railways » cover all the aspects of the field (e.g. fabrication, enance) and components (e.g., rails, structures,) ? O Yes O No



o `	ctor organized with s Yes No	sub-sectors?				
o / o ! o !	 Boggies Structures Rails 					
1.7. If there ar follow?	re no sub-sectors, w	hich rules does th	ne « Railways » ce	ertification		
the different s	is yes to question of the sectors by filling evels of certification	the table here un	der?	•		
	Sub-sector	Sub-sector	Sub-sector	Sub-sector		
Mothod \/T						
Method VT						
Method PT						
Method MT						
Method UT Method ET						
Other, specify						
2/ Training and visual acuity 2.1. Which rules do define the training durations in your organization for NDT personnel certification for Railways? O EN 473 O ISO 9712 O If other, please specify:						
o `	durations include ge Yes No	eneral, specific ar	nd practical trainin	g ?		
2.3. What are contents ?	the reference docu	ments for defining	the training sche	mes and		
	recognized training Yes	organism in your	country?			

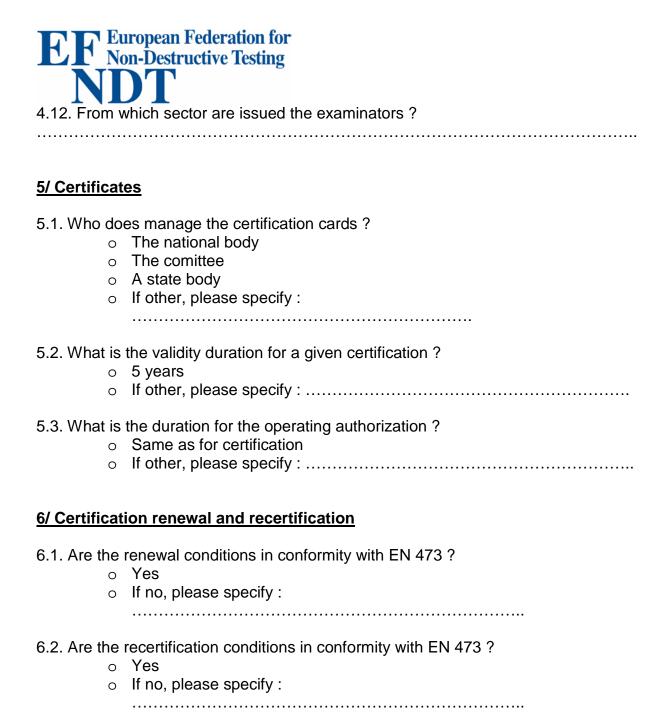


2.5. If yes, which is the name of the entity approving the training organism?
2.6. What process will a training centre follow in order to be recognized?
2.7. What are the practical tests applied for visual acuity? More specifically, for discriminating the colors?
2.8 Which NDT-personnel has to complete which visual acuity and how often ?
3/ Industrial experience
3.1. Are the experience durations in conformity with : o EN 473 o ISO 9712 o Other:
 3.2. When is the industrial experience collected? Totally before the examination Partly before and after the examination In this case, which is the delay allowed to collect it?
3.3. Do you apply the duration reductions allowed by the standards in case of multiple certifications? Actually, in which way?Yes
NoIf partially, please specify :
3.4. In order to gain the industrial experience, will the inspector work under surveillance of a certified inspector?Yes
No. In that case, who will perform this surveillance?

4/ Examination



4.1. Which organization does recognize the examination centres ?
 4.2. What is the statute of the examination centres? o Independent of the certification organism o Recognized by him o If other, please specify:
4.3. How long is the duration of the agreement/recognition/accreditation?
4.4. By which means is this agreement follow up? o Audit o If other, please specify:
4.5. Who is the owner of the examination specimen ?
4.6. What is the validation process for the examination specimen?
4.7. Does a conformity certificate exist for each specimen?YesNo
4.8. If yes, who does pronounce the validation of this certificate?
4.9. What is the process of maintenance for the examination specimen ?
 4.10. Do the specific questionnaires allow for editorial questions for level I and II examinations? Yes No
4.11. Are the number of pieces for the practical examination in conformity with EN473 and/or ISO 9712 ? O Yes O If no, please specify the differences :



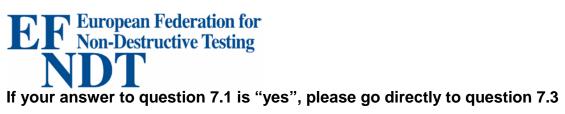
2nd Part : Questions related to the regulations aspects

7.1. Are there regulations to manage the aptitudes conditions, the physical and professional follow-up of the NDT personnel?

6.3 Which process is to applay for the recertification of the NDT-personnel?

- o Yes
- o No

If your answer to question 7.1 is "no", please answer the question 7.2 which will be the last to be answered in this case.



7.2. If no reg	ulation exists, does the company organize a specific follow-up for NDT
0	If yes, please specify :
0	No
7.3. Can you	specify the regulation content and its application to NDT personnel?
0	e supplementary constraints contained in the regulation ? Yes No
7.5. If yes, ir	which area ? Physical aptitude Professionnal aptitude Training Others
7.6. What ar	e the responsible organisms? Describe their roles.
7.7. In which	way do they interact with the certification process?
	e other standards or maintenance codes on national level or internal to to manage NDT (other than EN 473 and ISO 9712 for NDT
0	If yes, please specify :
0	No
0 0	lease specify their scope Organization Interactions between levels 1, 2 et 3 Methods Procedures



- Equipments, accessories,
- o Calibration blocks

7.10. Is	a periodic follow-up	o of the professiona	al experience	organized for	the certified
NDT pe	ersonnel?				

- o Yes
- o No
- 7.11. Is a periodic training organized?
 - o Yes
 - o No
- 7.12 Where will the training be done?
 - o within the company
 - o outside of the company

NB : Could you add a scheme of the different entities being involved in the NDT personnel certification and their interactions ?

Additional information:
Name :
First name :
Company:
NDT Comittee :
Adress:
Country:
E-mail :
Phone number :
I HOHE HUHIDEL