

**ГОДИШНА ПРОВЕРКА НА ТЕХНИЧЕСКИТЕ
УМЕНИЯ НА ПЕРСОНАЛА ПО
БЕЗРАЗРУШИТЕЛЕН КОНТРОЛ**

**ANNUAL MINTENANCE FOR TECHNICAL
PROFICIENCY OF NDT PERSONNEL**

Ревизии

Revisions

Revisions	Authorized Person	Date of revision	Revision according to	Date of approval
Издадена Issued	D. Milushev	Януари 2018 January 2018		Януари 2018 January 2018
Ревизия 1/ Revision 1	D. Milushev, Al. Skordev, E. Chobanski, St. Kamenov, Y. Mirchev	21/05/2019	BANDT Board decision	04/06/2019

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Част 0 Part 0	Административна част Administrative part		
	Титулна страница Title page	1	Ноем.2018 Nov.2018
	Ревизии Revision	2	Юни 2019 June 2019
	Съдържание/ефективност на страниците Table of Contents / pages effectiveness	3	Юни 2019 June 2019
Част 1 Part 1	Общи положения	4	Ноем.2018 Nov.2018
Част 2 Part 2	График за провеждане на оценката	4	Ноем.2018 Nov.2018
Част 3 Part 3	Изисквания към оценителя	4	Юни 2019 June 2019
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Част 6 Part 6	Приложения	6	Ноем.2018 Nov.2018
6.1	Обща част на формуляра за оценка	6	Юни 2019 June 2019
6.2	Примерни форми за оценка по съответният метод	8	Юни 2019 June 2019

Част 1 Общи положения

Процедурата е разработена и се прилага на основание т. 8.6 на БДС EN 4179.

Част 2. График за провеждане на оценката

Процедурата се провежда веднъж годишно съгласно график изготвен от Отговорното ниво 3 на Организацията.

Годишна оценка не се изисква в година в която се изпълнява поредната 5-годишна ресертификация на персонала.

Част 3. Изисквания към Оценителя

Отговорното ниво 3 определя Оценителите по различните методи на БРК.

Препоръчително е Оценителите да са с ниво 3 по съответните методи на БРК по които правят оценка.

Когато Отговорното ниво 3 изпълнява и функциите на инспектор по БРК или оценяваният е ниво 3, оценка на неговите умения се прави от Оценител, който задължително има ниво 3 по съответния метод.

Част 4 Провеждане на оценката

За провеждане на оценката се използва бланката за заглавната страница (Приложение 1). Допълнително, към заглавната страница се прилага бланка за проверка на уменията по съответния метод за БРК (Приложение 2). Бланката за заглавната страница и за конкретния метод за КБР се изготвя от Отговорното ниво 3 на Организацията. Заглавната страница и допълнителната бланка се попълват от Оценителя и се разписват от него и от оценявания. За успешно преминаване се счита постигане на оценка минимум 80% от максималния брой точки зададени в бланката и коректна оценка на всички нецялостности (ако има такива).

Part 1 General

This procedure is developed and implemented in accordance with para 8.6 of pr EN 4179.

Part 2 Assessment schedule

This Procedure is performing ones of each year according schedule prepared by Organization's Responsible Level 3.

The annual assessment is not required in the year, in which the regular 5-year requalification is due.

Part 3 Assessor requirements

The Responsible Level 3 approves the NDT Assessors.

It is recommended that the Assessors are with level 3 on relevant NDT method, on which they assess.

When the Responsible level 3 perform NDT task as inspector or rated is level 3, his Assessor must to have level 3 on relevant NDT method.

Part 4 Assessment process

During assessment is used front page (Annex1). In addition to front page is attached individual checklist for relevant NDT method(Annex 2).

The Responsible level 3 of the Organization define individual checklist for each NDT method used in the Organization. The front page and relevant checklist are fulfilled by the Assessor and are signed by him and Applicant.

The NDT individual pass the assessment if reaches 80% of the rating points in checklist and all indication (if any) are correct evaluated. If the individual don't reach 80% of rating points and not correct evaluated all indication (if any), he can attempt to re-assess not later than one month after the assessment.

During this period Quality Manager take

Ако оценявания не успее да достигне 80% от точките или не може да оцени коректно всички нецялостности (ако има такива), той може да се яви не по-късно от един месец от датата на оценка.

През този период Ръководителят по качеството на Организацията взема решение за фирмения му допуск.

Преди допускане до повторна оценка на кандидата може да му бъде проведено допълнително обучение, назначено от Отговорното ниво 3 на Организацията.

част 5 Съхранение на резултатите

Резултатите от оценката се съхраняват в личното дело на оценявания и са достъпни при одит.

decision concerning his company's approval. Candidates shall receive additional training as determined and documented by the Responsible Level 3 before attempting re-assess.

Part 5 Records keeping

Personnel assess records shall be kept in personnel file and shall be available for audit.

Част 6 Приложения

6.1. Обща част на формуляра за оценка

Part 6 Application

6.1. General form

ANNUAL MAINTENANCE ASSESSMENT AS REQUESTED IN pr EN 4179	"COMPANY LOGO"
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Applicant Data		Reviewer Data	
Name:		Name:	
Comp. Auth. No:		Method & Level:	
Level of Authorisations:		Employed or assigned by:	

Method:		Level:	
NDT document used during assessment:		NDT technique performed during assessment:	

Assessment criteria's:

Item	Criteria in regards to:	Applicable to assessed Person (Yes/No)	Notes:	Requirements fulfilled (Yes/No) or (N/A)
1	Regulation & Contract		If individuals work away from home base	
2	NDT Procedures		NDT individuals must use current documents/procedures	
3	Equipment & Material		Storage, calibration, preparation of NDT equipment. Preparation for inspection.	

4	Inspection(*)		Copy of NDT Report	
5	Evaluation(*)		Copy of NDT Report	
6	Report & Documentation		Copy of NDT Report	
7	Vision Requirements		Valid annual vision certificate	
8	Continuous Experience		Records must be available	
9	Certification/ Recertification		Valid Certification / re-certification documents must be available	

(*)No significant error in inspections and evaluation are acceptable. All indications (if any) must be correct evaluated.

Final Acceptance and Signatures:

Comments: (if applicable)				
Date:	Applicant Signature	Assessor Signature	Final Acceptance	
			Pass	Fail

Забележка:

Поради голямото разнообразие на ежедневните задачи по БРК във всяка фирма е препоръчително Отговорното ниво 3 да подготви индивидуални карти за оценка по всеки метод по който се провежда годишна оценка.

Note:

Due to the huge differences in the daily NDT work in each company it is strongly recommended that each Responsible Level 3 prepares individual checklists for each method in which the annual assessment is performed.

6.2 Примерни форми за оценка по съответния метод

6.2 Proposals for checklist for corresponding method

PT - Method						
Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	
	Select correct equipment			Wash / emulsifier		
	Control Panel preparation			Parameter met as required		
	Black light check			Drying process		
	Ambient / white light check			Developer application		
	Inspection area cleanliness			Indications(*)		
	Control panel check			Evaluation of indication(*)		
	Fill out process control sheet			Documentation as required		
	Part cleaning			Reporting and recording		
	Penetration application / dwell			Part cleaning		
	Min / max time					
Comments:				Final scoring: Candidate should achieve minimum 80% of the maximum rating points	Pass	Fail

(*)No significant errors in market detailed assessment points are acceptable. All indications (if any) must be correct evaluated.

ET - Method					
Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)
	Select correct equipment			Sensitivity at regular intervals	
	Correct reference material			Indications(*)	

	Calibration status of equipment			Evaluation of indication(*)		
	Set-up of equipment			Documentation as required		
	Application of Teflon tape			Reporting and recording		
	Inspection area cleanliness					
	Paint condition / thickness					
	Identification of correct insp. area					
	Sensitivity settings					
	Probe handling					
Comments:				Final scoring: Candidate should achieve minimum 80% of the maximum rating points	Pass	Fail

(*)No significant errors in market detailed assessment points are acceptable. All indications (if any) must be correct evaluated.

MT - Method						
Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	
	Select correct equipment			Magnetized as per instructions		
	Check if part is magnetic			Ink application and observation		
	Black light check			Indications(*)		
	Ambient / white light check			Evaluation of indication(*)		
	Inspection area cleanliness			Documentation as required		
	Performance check of bench			Reporting and recording		
	Fill out process control sheet			Demagnetization and cleaning		
	Part condition					
	Ink check					
	Field measurement					
Comments:				Final scoring: Candidate should achieve minimum 80%		

	of the maximum rating points	Pass	Fail
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(*)No significant errors in market detailed assessment points are acceptable. All indications (if any) must be correct evaluated.

UT - Method						
Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	
	Select correct equipment			Evaluation of indication(*)		
	Correct reference material			Verification of findings		
	Calibration status of equipment			Cleaning of couplant		
	Set-up of equipment			Documentation as required		
	Sensitivity settings			Reporting and recording		
	Paint / surface condition					
	Application / use of couplant					
	Identification of correct insp. area					
	Probe handling					
	Indications(*)					
Comments:				Final scoring: Candidate should achieve minimum 80% of the maximum rating points	Pass	Fail

(*)No significant errors in market detailed assessment points are acceptable. All indications (if any) must be correct evaluated.

RT - Method					
Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)
	Safety regulation respected			Indications(*)	
	Personal Dosimeter			Evaluation of indication(*)	
	Black light check			Film handling	

	Position of object, film and tube			Film storage		
	Correct exposure data			Documentation as required		
	Penetrameter position			Reporting and recording		
	Film marking					
	Darkroom bath control					
	System control					
	Darkroom adaptation					
Comments:				Final scoring: Candidate should achieve minimum 80% of the maximum rating points	Pass	Fail

(*)No significant errors in market detailed assessment points are acceptable. All indications (if any) must be correct evaluated.

IRT - Method						
Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	Tick if applicable	Detailed Assessment points	Evaluation Rating points (1-10)	
	Select correct equipment					
	Correct reference temperature					
	Temperature differences					
	Position of object and camera					
	Correct distance					
	Indications(*)					
	Evaluation of indication(*)					
	Documentation as required					
	Reporting and recording					
Comments:				Final scoring: Candidate should achieve minimum 80% of the maximum rating points	Pass	Fail

(*)No significant errors in market detailed assessment points are acceptable. All indications (if any) must be correct evaluated.