

Udział SEP-BBJ w międzynarodowych badaniach IFM PTP

Kamil Dobrowolski, Kamil Misztal

Warszawa dn. 30.03.2017r. - Targi Eurolab - Konferencja pt. „Problemy Laboratoriów”

Plan prezentacji

- ▶ Kilka słów o SEP-BBJ
- ▶ Kilka słów o wymaganiach dot. IFM PTP
- ▶ Kilka słów o IFM QS Pty Ltd.
- ▶ PTP od strony IFM QS Pty Ltd.
- ▶ PTP od strony uczestnika (SEP-BBJ)

Stowarzyszenie Elektryków Polskich Biuro Badawcze ds. Jakości



- ▶ Jednostka Certyfikująca PN-EN ISO/IEC 17065:2013 ([PCA](#), [IECEE](#), [ETICS](#))



- ▶ Laboratorium Badawcze PN-EN ISO/IEC 17025:2005 ([PCA](#), [IECEE](#), [ETICS](#))

- ▶ Zakład Sprzętu Elektroinstalacyjnego, Elektronicznego i Oświetleniowego
- ▶ Zakład Aparatów Niskiego Napięcia
- ▶ Zakład Kabli i Przewodów

SEP - BBJ
◁ SEP - BBJ ▷

- ▶ Dane adresowe:

- ▶ ul. M. Pożaryskiego 28, 04-703 Warszawa
- ▶ ul. M. Rapackiego 13, 20-150 Lublin

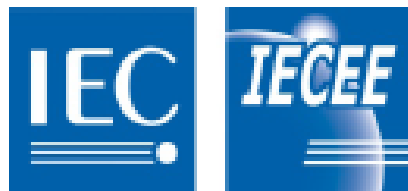
- ▶ Dyrektor: [Marcin Ocioszyński](#)
- ▶ Strona www: www.bbj.pl



Wymagania

- ▶ DA-05 - PCA - Polityka dotycząca uczestnictwa w badaniach biegłości
- ▶ Norma ISO/IEC 17025:2005 (podrozdział 5.9)

ustanawia, że *„laboratorium powinno mieć procedury sterowania jakością w celu monitorowania miarodajności wyników badań”* oraz, że *„monitorowanie powinno być planowane”*.



IECEE OPERATIONAL DOCUMENT

IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System)

Committee of Testing Laboratories (CTL)

Proficiency Testing Programs

6 Participation

All Testing Laboratories accepted by the CB Scheme are generally required to participate in all CTL Proficiency Testing Programs within their scope of recognition within the IECEE System, but not more than three per year, with the priority being given to new topics. The starting time period to start the three years period for PTPs starts with issuing the final PTP report.

Exception: A laboratory may be required to participate in more than 3 programs per year if required to repeat a test as a result of "outliers" in previous programs.

14 Completion of corrective actions

All "outlier results" and non-compliances, whether due to technical, typographical or other errors, shall be subject to appropriate investigation, followed by remedial and preventive actions. All reported actions shall be recorded in a follow-up register by the PTP Provider.

The PTP Provider may request clarification of information provided by participants to assist in determining whether a non-compliance exists. Such clarifications shall also be recorded using the follow-up register.

Participants carrying out corrective actions shall follow the procedures outlined in ISO/IEC 17025:2005; 4.11 and 4.12. Completed corrective action reports shall be sent to the IECEE Secretariat with a copy to the PTP Provider, who will record the status of actions in the follow-up register.

Copies of completed corrective action forms shall be held by the laboratory for review during the next on-site assessment.

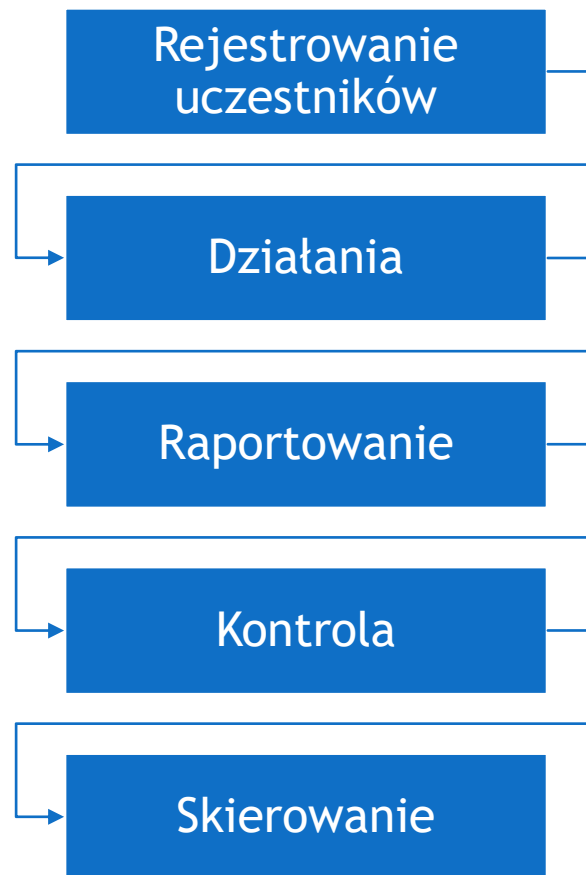
The IECEE Secretariat takes responsibility for monitoring the corrective action status, but is not responsible for the technical validity of the actions undertaken. However, any actions deemed to be inappropriate will be forwarded to the relevant technical panel for review. Feedback shall be provided to the participants when available.

IFM Quality Services Pty Ltd



- ▶ *IFM, Working with you, for you*
- ▶ Adres:
 - ▶ PO Box 877, Ingleburn 2565, AUSTRALIA
 - ▶ 4/58 Stennett Road Ingleburn NSW 2565 Australia
- ▶ Certyfikaty akredytacji (wydane przez American Association for Laboratory Accreditation - [A2LA](#))
 - ▶ ISO/IEC17043:2010 (nr 3189.02) - ważny do 30.11.2019
 - ▶ Biological Testing (Poland Sterbios Sp. z o.o. [Anna Wisniewska](#) tel.:+48 608630924)
 - ▶ Electrical safety tests and measurements
 - ▶ ISO GUIDE 34:2009 (nr 3189.03) - ważny do 30.11.2019
 - ▶ Microbial Reference Cultures
 - ▶ Electrical components and materials characterized by proficiency testing programs
 - ▶ ISO/IEC 17025:2005 (nr 3189.01) - ważny do 30.11.2017
 - ▶ Biological Testing
- ▶ Ingrid Fleming - [Managing Director](#)
- ▶ Strona www: www.ifmqs.com.au

PTP od strony IFM QS Pty Ltd



PTP od strony IFM QS Pty Ltd



10 kroków do
CTL PTP

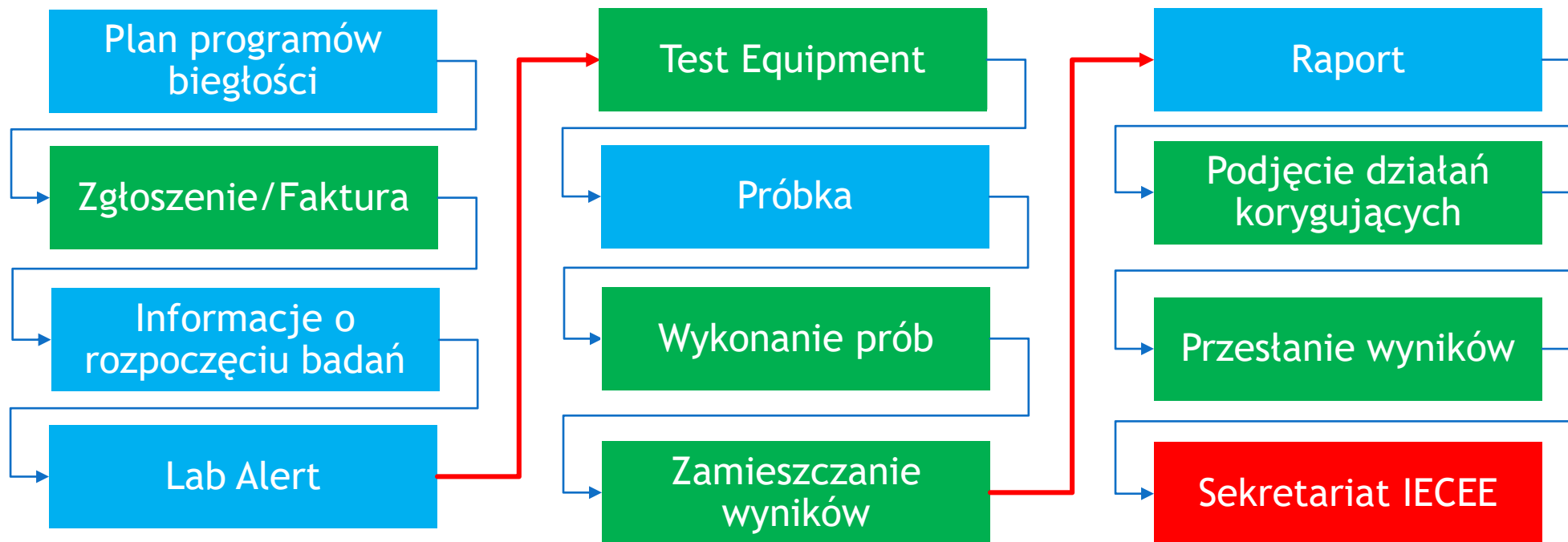
PTP od strony IFM QS Pty Ltd

- ▶ Jediną możliwą zmianą w danym PTP jest termin nadsyłania zgłoszeń i otwarcia zapisów
- ▶ Dopiero po tym jak program zostanie przygotowany, a instrukcje są potwierdzone zapisy do PTP mogą się rozpocząć.
- ▶ IFM dąży do tego aby propozycje nowych PTP wychodziły od większych grup, a nie od pojedynczych laboratoriów
- ▶ Pozwala to na długoterminowe i efektywne planowanie zarówno dla IFM jak i dla laboratoriów

PTP od strony IFM QS Pty Ltd

- ▶ IFM uznaje wynik badania PTP za poprawny jeśli 75% wyników uczestników znajduje się w przedziale Q3-Q1.
- ▶ W większości PTP tak jest.
- ▶ W PTP 16e31 (Tracking Test) kryterium zostało zmniejszone do 70%, ale
 - ▶ Skonsultowano z WG2 (Working Group no. 2, CTL - grupa ekspertów ds. PTP)

PTP od strony SEP-BBJ



PTP od strony SEP-BBJ

Plan programów
biegłości

PTP od strony SEP-BBJ

Plan programów biegłości

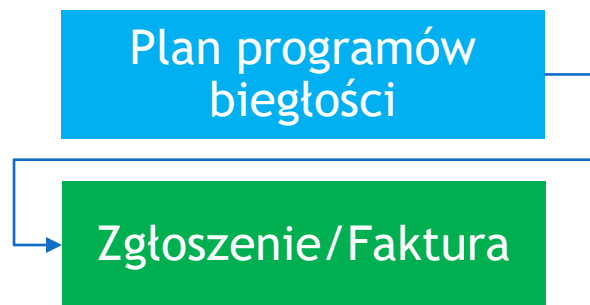


Electrical Proficiency Testing Program Status

Issued: 27/03/2017

Order Code	Enrol by Date	Proposed Dispatch Date	Results Due	Test Topic	Status	Other Details / Links
15e45		To be Advised	To be Advised	Design Check Household Products	Enrolments Closed	
15e43-2		Dispatched	Closed.	Electric Strength	Completed, follow up due 10 February 2017	
16e38.1		Dispatched	Closed.	Heating Switch Mode Supply	Completed, follow up due 16 June 2017	
16e32.2		Dispatched	Closed.	Heating Transformer	Completed, follow up due 10 February 2017	
16e31.1		Dispatched	Closed.	Tracking	Completed, follow up due 5 May 2017	
16e33		Dispatched	Closed	Heating Switches	Report in Preparation	
16e35		14th March 2017	7th May 2017	Cables Conductor Resistance	Commenced	16e35 Instructions
16e42		To be Advised	To be Advised	Earth Resistance	In planning	

PTP od strony SEP-BBJ



PTP od strony SEP-BBJ

Plan programów
biegłości

Zgłoszenie/Faktura



Electrical Proficiency Testing Programs Order Form



Please note the following:

- Return the original electronically completed/saved MS Word document file as an email attachment to: orders@ifmqs.com.au
- DO NOT send PDF or image files
- Existing customers MUST specify their IFM customer number as shown in the notification email. The company name is required for verification only.
- New customers or customers wishing to update their details must complete the Customer Registration/Update form before placing an order: [CPF162-01 Customer Registration Update Electrical.doc](#)
- Orders must be received before the program close date. Orders will be recorded as they are received.
- Once a program has been fully subscribed, orders will be placed on a waiting list for the next round of the selected program. Orders received after the close date may also be placed on a waiting list.
- You are encouraged to plan for the entire year by referring to the program status page: http://www.ifmqs.com.au/proficiency/ProgramInformation/CTL_Program_Status.pdf
- Instructions for each program can be downloaded via the instruction link located under each program topic.

IFM Customer Id (Cnnnnn)	<input type="text"/>			
Company Name: (for verification ONLY)	<input type="text"/>			
Purchase Order No.: (Optional)	<input type="text"/>	Comment	<input type="text"/>	
Invoicing:	<input type="checkbox"/> Please issue a single invoice	OR	<input type="checkbox"/> Please issue an invoice for each PT program	
Payment Method:	<input type="checkbox"/> Electronic Transfer	<input type="checkbox"/> Cheque	<input type="checkbox"/> Credit Card	Quotation ONLY: <input type="checkbox"/>

Electrical Enrolment						
Code	Topic	Total Price (SAUD)	Enrolment Close Date	Sample Dispatch Date	Result Due Date	Order Quantity
>17e26	Ball Pressure 17e26 Instructions	900	27 Feb 2017	7 March 2017	24 April 2017	1
>16e35	Cables Conductor Resistance 16e35 Instructions	900	6 Mar 2017	14 March 2017	28 April 2017	1
>17e29	Glow Wire and Needle Flame 17e29 Instructions	900	13 Mar 2017	21 March 2017	7 May 2017	1

PTP od strony SEP-BBJ

Plan programów
biegłości

Zgłoszenie/Faktura



IFM Quality Services Pty Ltd

ABN: 42 079 776 962

Unit 4 / 58 Stennett Road
PO Box 877
Ingleburn NSW 2565
AUSTRALIA

Email: accounts@ifmqs.com.au Ph: +61 2 9618 3311 Fax: +61 2 9618 3355

Quote

Quote	20016724
Date:	28/02/2014
Page:	1
Your Ref:	
Terms:	Net 30
Cust #:	C00034
Currency:	Australian Dollars

Bill to:

BBJ-SEP Testing And Certification Institute
Assoc. of Polish Electrical Engineers
Swietokrzyska 14
Warszaw 00-950
POLAND

Attention: Włodzimierz Wojciechowski

Ship To:

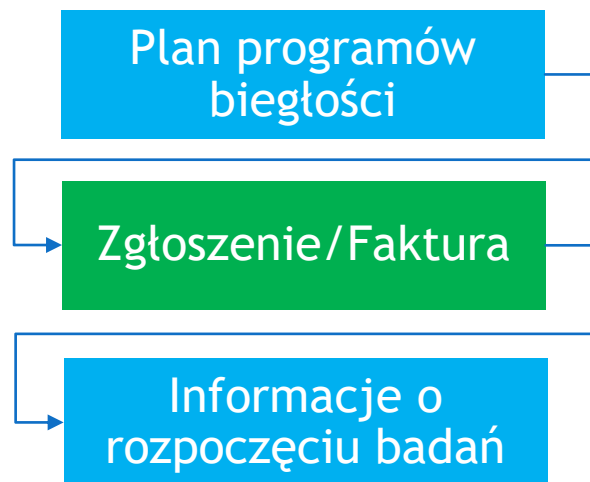
BBJ-SEP Testing And Certification Institute
Street. M. Pozaryskiego 28
Warsaw 04-703
POLAND

Attention: Włodzimierz Wojciechowski

Ship Via:

Quantity	Item Code	Description	Unit Price (ex-GST)	Discount %	Total (ex-GST)
1	15e44	IP Testing Applicable Standards: IEC60529	800.00		800.00
1	15e45	Design Check - Household Products Applicable Standards: IEC60335-1	800.00		800.00

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PTP od strony SEP-BBJ

Plan programów
biegłości

Zgłoszenie/Faktura

Informacje o
rozpoczęciu badań

Electrical Program Participation

Program: 15e38 Temperature Rise Switch mode power supplies 201510

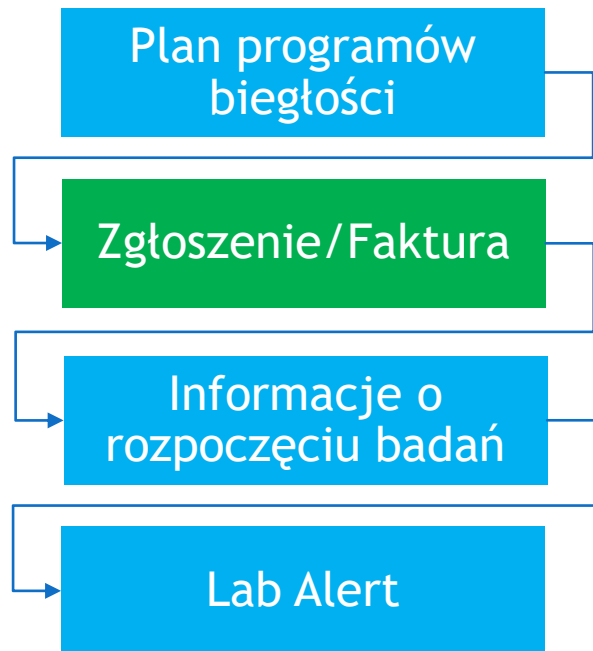
<i>Laboratory Name</i>	<i>Country</i>	<i>Code</i>	<i>Action</i>	<i>Alert</i>	<i>Due Date</i>
NCB: BBJ-SEP	BBJ-SEP Testing laboratory	POLAND			
(C) BBJ-SEP Testing And Certification Institute	POLAND				2

>> *Report Indicator Columns*

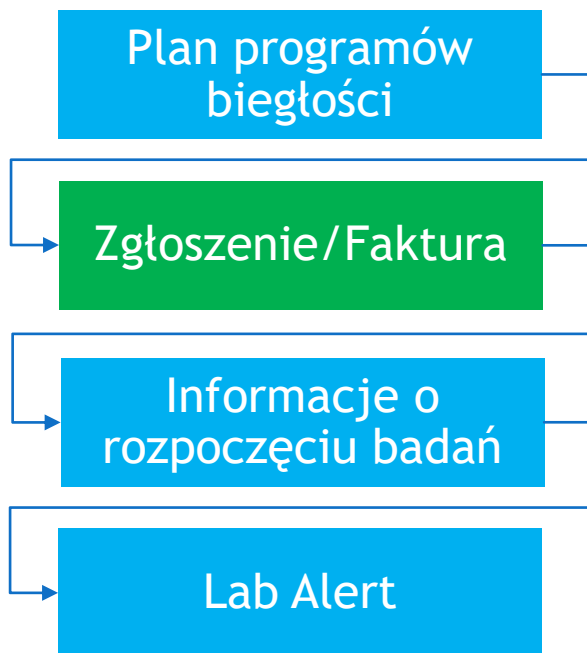
Column:

- Action - "Y" when a submitted result was determined to be an outlier requiring corrective action(s) or additional information is required to clarify a result. Action history will then follow (In detailed reports ONLY).
- Alert - "Y" when corrective or other action(s) have not been completed
- Due Date - Date by which corrective or other action(s) are required to be completed. This date is not set until the FINAL report has been issued.

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PTP od strony SEP-BBJ



- Laboratory Alert - 15e38

Temperature Rise Switch mode power supplies

Thank you for enrolling in an IFM Electrical Proficiency Testing Program.

This message is to advise that the sample(s) for the titled program will be dispatched commencing the week of : 5 October 2015.

Please contact IFM immediately if you are not expecting to receive these samples!

Laboratories should receive their sample(s) within three to seven days. International laboratories are warned that delays due to Customs clearance activities may add significantly to the expected delivery times.

Please notify IFM if you are concerned about late delivery.

Upon receipt of samples, store securely in a controlled ambient environment away from light (preferably in the original packaging).

Standards applicable to this program

IEC 60950-1	Information technology equipment
IEC 60065	Audio, video and similar electronic apparatus - Safety Requirements
IEC 61558-1	Safety of power transformers, power supply units and similar


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Test Equipment

PTP od strony SEP-BBJ

Test Equipment

15e29

 **IFM**
Quality Services

15e29 - Glow Wire and Needle Flame Equipment Audit

The equipment audit must be submitted to IFM by no later than 15 July 2015.

This program is based on **IEC 60695-2-10:2013 (Glowing/hot-wire based methods - Glow-wire apparatus and common test procedure)** and **IEC 60695-11-5 Ed. 1 (Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance)**

The equipment audit represents a compilation of questions based on corrective actions that have been performed by participants in previous proficiency testing programs covering this topic. Where relevant, the referenced standard has also been used for the audit answers. The purpose of this audit is to assist participants to improve reliability in their test results, and is intended as guidance only. It should be noted that this audit does not claim to be complete, and does not replace any form of on-site assessment. IFM Quality Services cannot be held liable for any adverse outcomes resulting from using the audit. The responsibility for proper performance of this test remains with the testing laboratory.

Please save the completed excel spreadsheet, then return (in excel format) as an email attachment to IFM (support@ifmqs.com.au)

Laboratory name:	<input type="text"/>
Laboratory logon ID (Cnnnnn)	<input type="text"/>

Glow Wire Apparatus

What is the concentration of Nickel in the glow wire loop?	<input type="text"/>	%
What is the concentration of chromium in the glow wire loop?	<input type="text"/>	%
The diameter of a straight section of the loop wire is	<input type="text"/>	mm

This is the ID which is used to logon to the web site and is included in the Subject Line of most Proficiency Testing emails

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--- Treść przekazanej wiadomości ---

Temat: FedEx Shipment Notification

Data: Tue, 6 Oct 2015 04:26:43 +0200

Nadawca: trackingupdates@fedex.com <trackingupdates@fedex.com>

Odpowiedź-Do: trackingmail@fedex.com <trackingmail@fedex.com>

Adresat: Włodzimierz Wojciechowski <W.Wojciechowski@bbj.pl>

Test Equipment

Próbka

This shipment is scheduled to be sent on 10/06/2015.

See "Preparing for Delivery" for helpful tips

Tracking # 547917729169

Anticipated ship date:
Tue, 10/6/15

LESLEY
IFM QUALITY SERVICES PTY
LTD
INGLEBURN, 2565
AU

Estimated delivery:
Thu, 10/8/15 by 12:00
pm

WŁODZIMIERZ
WOJCIECHOWSKI
BBJ-SEP TESTING AND
CERTIFICATION
STREET. M. POZARYSKIEGO
28
WARSAW, 04703
PL

Initiated

Shipment Facts

Tracking number: [547917729169](#)

Reference: 15e38

Service type: FedEx International Priority

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Test Equipment

Próbka



PTP od strony SEP-BBJ

Test Equipment

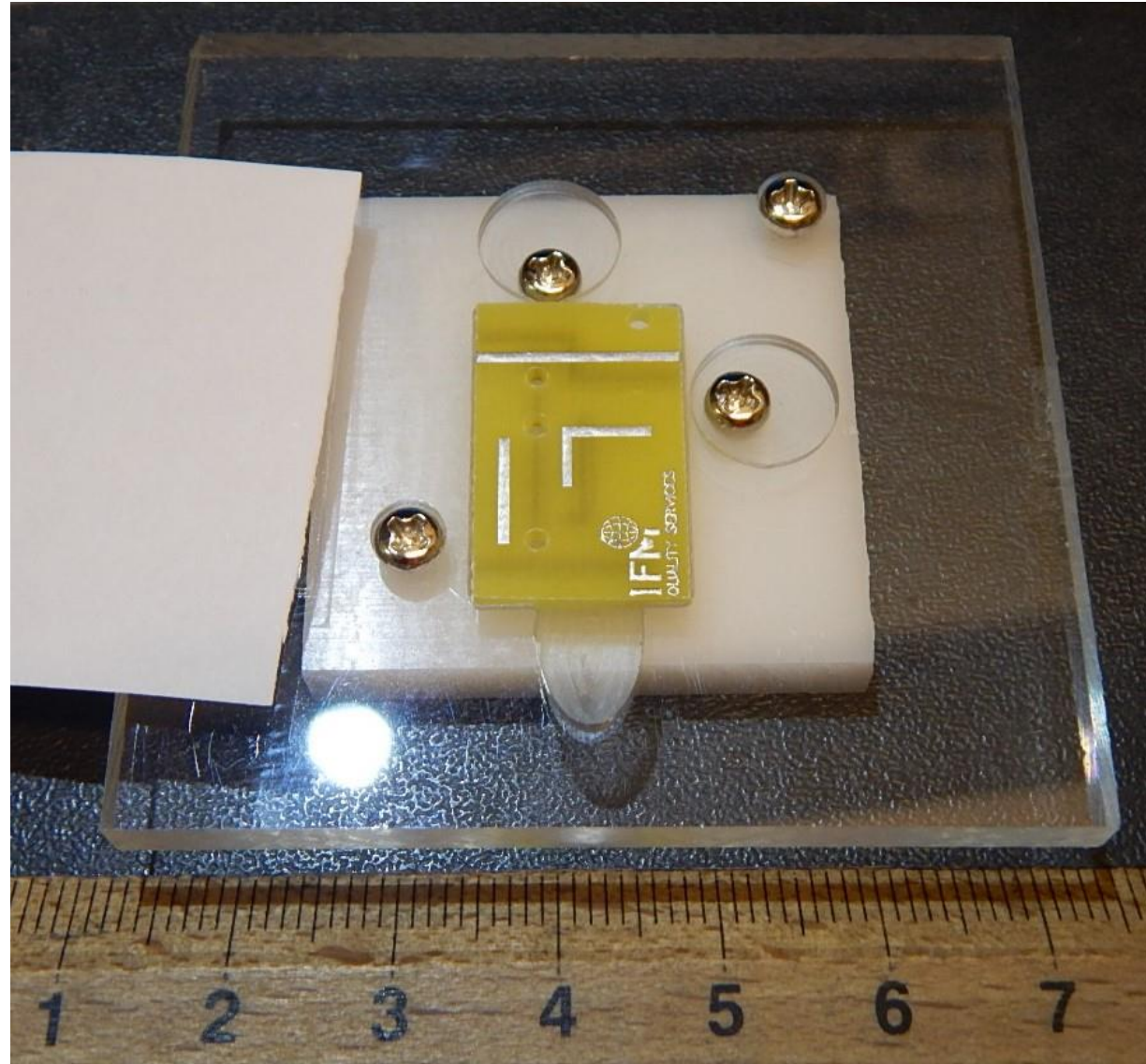
Próbka



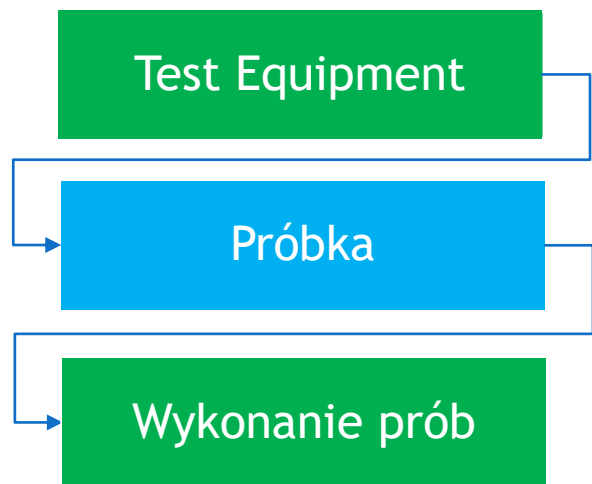
PTP od strony SEP-BBJ

Test Equipment

Próbka



PTP od strony SEP-BBJ

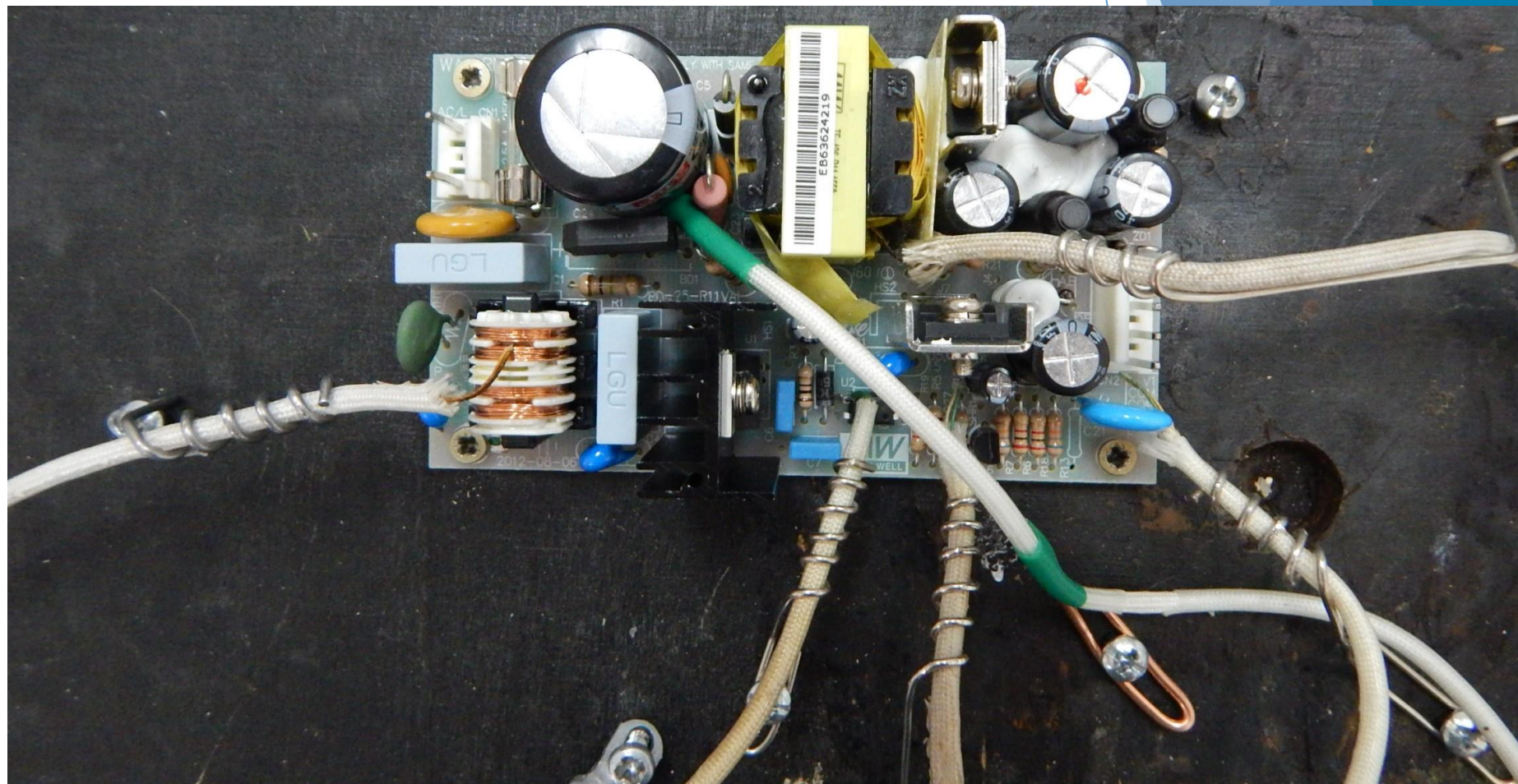


PTP od strony SEP-BBJ

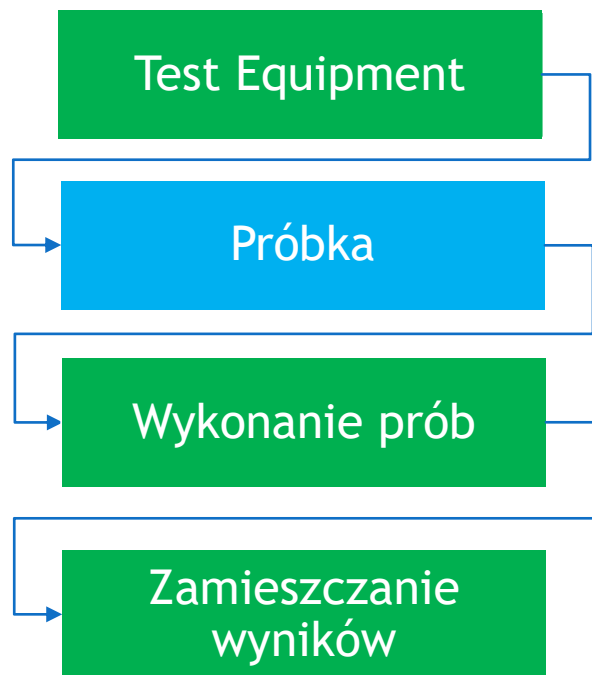
Test Equipment

Próbka

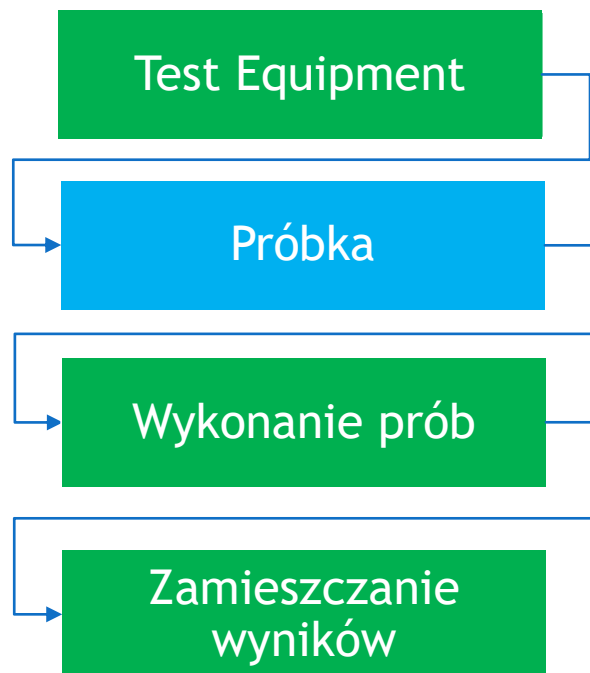
Wykonanie prób



PTP od strony SEP-BBJ



PTP od strony SEP-BBJ



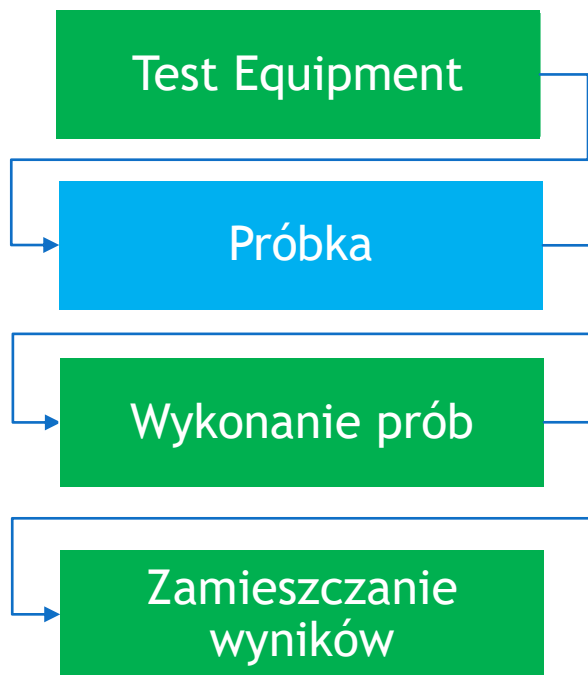
Global Quality Assurance and Consulting Services

Welcome to IFM Quality Services

-- 'Pop-Ups' must be enabled for www.ifmqs.com.au in your browser --
-- Otherwise the Result Entry page will not be displayed after logon --

Logon ID:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Logon"/>	

PTP od strony SEP-BBJ

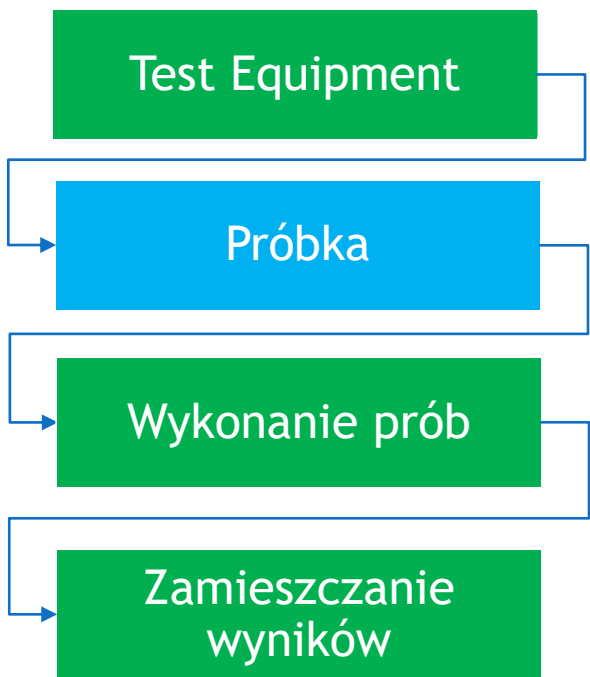


BBJ-SEP Testing And Certification Institute - Warsaw

Proficiency Testing Programs

Program	Category	Open Date	Results Due by	Status	Instructions	Report
15e38 Temp Rise SMPS	Electrical	05 Oct 2015	16 Nov 2015	Open for Data entry/update		
15e11 Creepage and Clearance	Electrical	31 Aug 2015	12 Oct 2015	Closed for Data Entry - Enquiry Only		
15e29 Glow Wire & Needle Flame	Electrical	10 Aug 2015	18 Sep 2015	Closed for Data Entry - Enquiry Only		
15e26 Ball Pressure Test	Electrical	22 Jun 2015	31 Jul 2015	Completed - Enquiry Only		

PTP od strony SEP-BBJ



Programs >>Participants>>Test Results

Program: 15e38 Temp Rise SMPS

Organisation: BBJ-SEP Testing And Certification Institute - Warsaw

Participant: Part02 Result Name:

Gen. comment:

Date tested: (dd/mm/yy)

Time tested: (hh:mm - 24hr format)

Test Name	Results	
E01 Input Conductors total length (m)	Sample A: <input type="text"/>	Sample B: <input type="text"/>
	Confirmation/Comment: <input type="text"/>	
E02 Input Conductors cross sectional area (sq mm)	Sample A: <input type="text"/>	Sample B: <input type="text"/>
	Confirmation/Comment: <input type="text"/>	
E03 Output Conductors total length (m)	Sample A: <input type="text"/>	Sample B: <input type="text"/>

PTP od strony SEP-BBJ

Raport

PTP od strony SEP-BBJ



Raport

PROFICIENCY TESTING FINAL REPORT

15E26

BALL PRESSURE TEST

AMENDED REPORT: STATISTICAL SUMMARY AND APPENDIX
UPDATED



PTP od strony SEP-BBJ

Raport

Available Tests

Available tests	Assessment Criteria
Enumerative Tests: <ul style="list-style-type: none">BPT 100°CBPT 120°CBPT 150°C	For enumerative tests, robust statistics are applied in order to determine a Z score for each result. Acceptable Z scores are $ Z < 3.00$. Whenever possible non-numeric results are assessed by applying simple pass/fail assessments without issue of Z scores.
Conclusions (Pass/Fail): <ul style="list-style-type: none">BPT 100°C PFBPT 120°C PFBPT 150°C PF	Consensus results are used. 75% or greater consensus is preferred.
Variations to the normal assessment procedure will be detailed in the discussion.	

Participation Summary

⇒ 176 organisations enrolled

Equipment Audit

⇒ 170 equipment audits were received

⇒ 6 laboratories enrolled late

⇒ 3173 responses were received

⇒ 189 answered replies required follow up

⇒ 96 laboratories are required to follow up

Proficiency Test

⇒ 170 organisations participated

⇒ 272 sets of results were submitted

⇒ 2414 individual test results were received

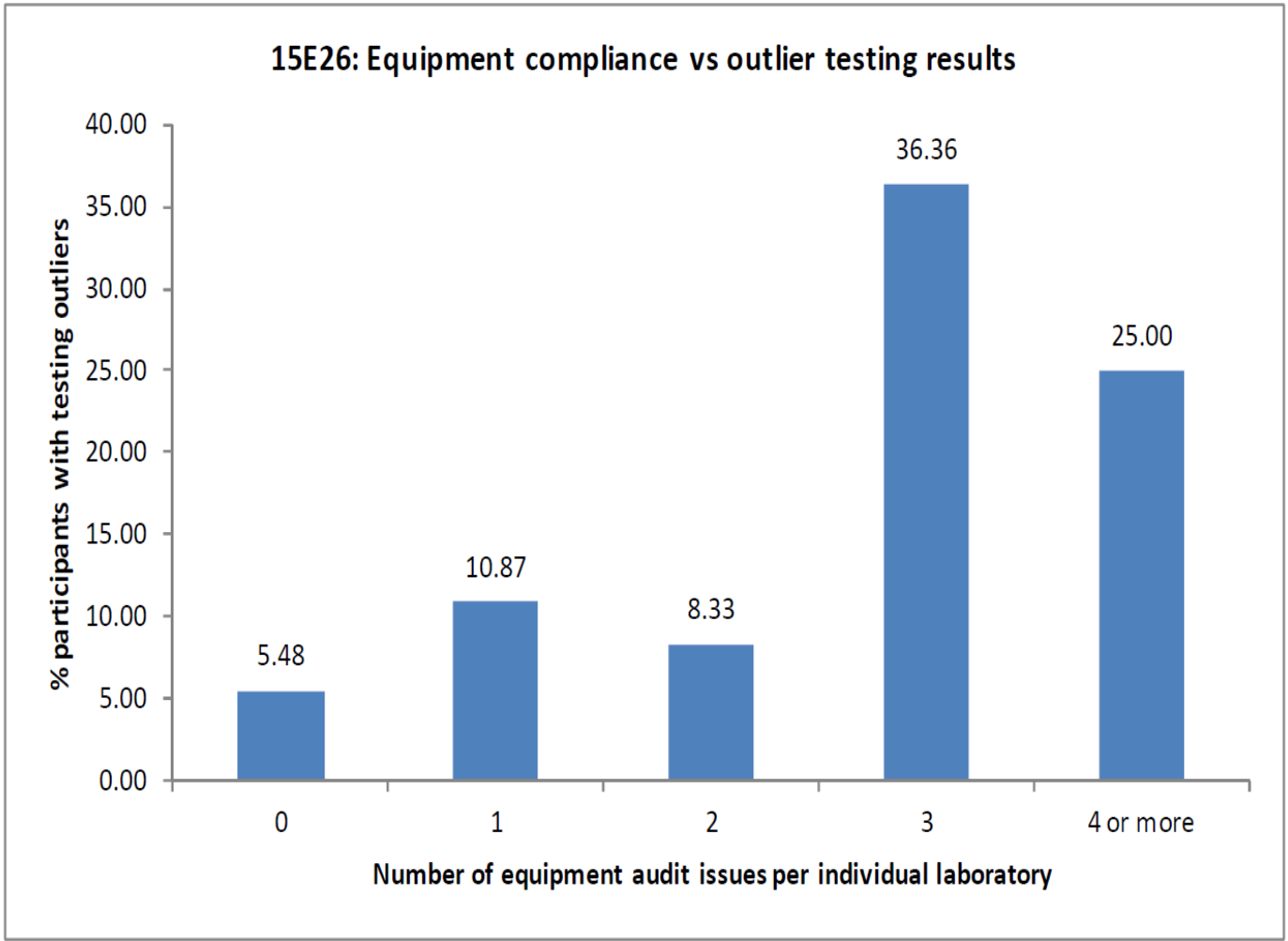
⇒ 1604 results were assessed

⇒ 810 results were not assessed

⇒ 31 results were assessed as outliers

PTP od strony SEP-BBJ

Raport

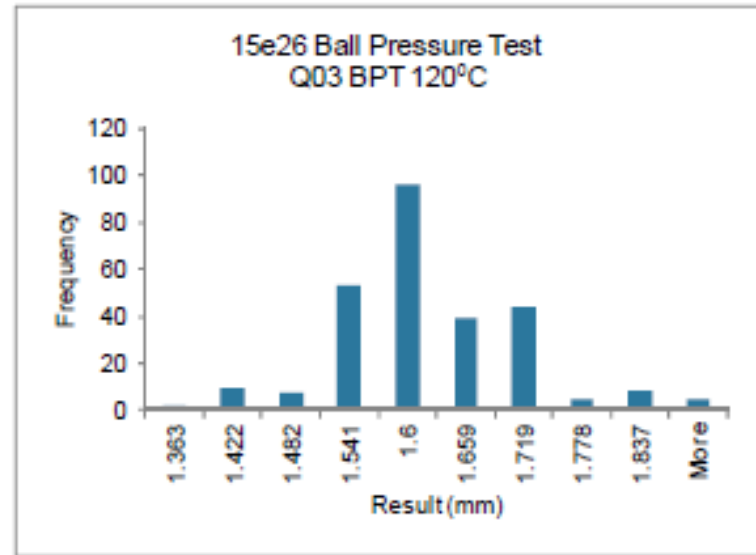


For laboratories with equipment audit outliers, all test results were excluded from calculation of statistics, including median, inter-quartile range and consensus. All participants received assessments.

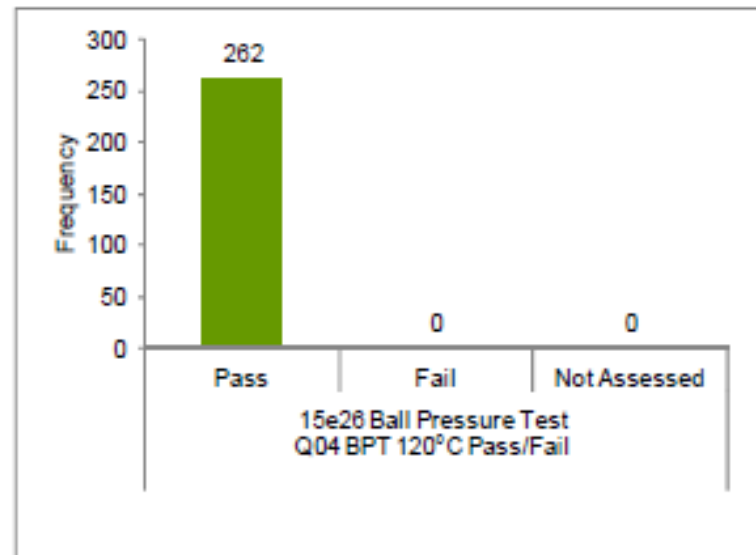
Variations to the normal assessment procedure will be detailed in the discussion.

PTP od strony SEP-BBJ

Raport



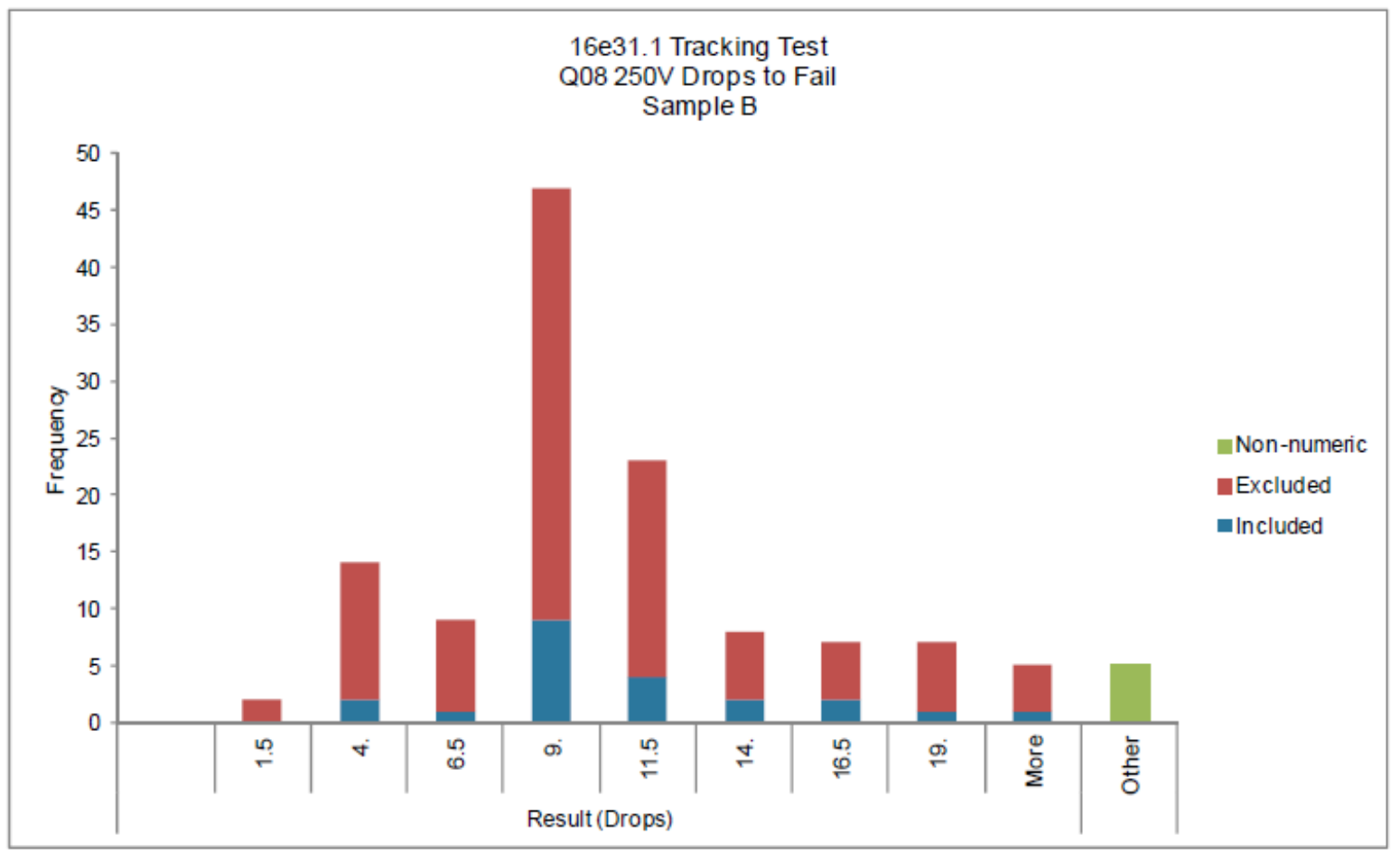
15e26 Ball Pressure Test Q03 BPT 120 C (mm)	
Number of Results Analysed	288
Quartile 1	1.5315
Quartile 3	1.6500
IQR	0.1185
NIQR	0.0878
Median	1.6000
Uncertainty of Assigned Value	
NIQR/SQRT(No. of Results)	0.0054
Acceptable High:	
Median + (3*NIQR)	1.8635
Acceptable Low:	
Median - (3*NIQR)	1.3365
Statistically Acceptable Range	0.5271



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Raport

16e31.1 Tracking Test Q08 250V Drops to Fail Sample B	
Number of Results Received	127
Number of Results Analysed	22
Quartile 1	7.2500
Quartile 3	12.2500
IQR	5.0000
NIQR	3.7065
Median	9.0000
Acceptable High: Median + (3*NIQR)	20.1195
Acceptable Low: Median - (3*NIQR)	-2.1195
Statistically Acceptable Range	22.2390



PTP od strony SEP-BBJ

Raport

Electrical Program Status Report

Ball Pressure Test - 15e26 (201504)



Lab Code	Reason Withdrawn / Comment	Action	Alert	Due Date
1	CBTL - Certification Body Testing Laboratory			
2	CBTL - Certification Body Testing Laboratory			
3	CBTL - Certification Body Testing Laboratory			
4	CBTL - Certification Body Testing Laboratory			
5	CBTL - Certification Body Testing Laboratory			
6	CBTL - Certification Body Testing Laboratory			
7	CBTL - Certification Body Testing Laboratory	Y	Y	16 Dec 2015
O	14/09/2015 Part01: 2 results assessed as outlying.			
O	14/09/2015 Part02: 2 results assessed as outlying.			
8	CBTL - Certification Body Testing Laboratory	Y	Y	16 Dec 2015
O	14/09/2015 Part01: 2 results assessed as outlying.			
9	CBTL - Certification Body Testing Laboratory			

PTP od strony SEP-BBJ

Raport

Electrical Program Status Report

Ball Pressure Test (Audit) - 15e26 Audit (201504)



Lab Code	Reason Withdrawn / Comment	Action	Alert	Due Date
1	CBTL - Certification Body Testing Laboratory		Y	
O	17/06/2015 Equipment Audit Outlier			
C	25/06/2015 Lab has advised error in weight of apparatus due to typo.			
2	CBTL - Certification Body Testing Laboratory			
3	CBTL - Certification Body Testing Laboratory			
4	CBTL - Certification Body Testing Laboratory			
5	CBTL - Certification Body Testing Laboratory		Y	
O	17/06/2015 Equipment Audit Outlier			
C	24/07/2015 New objective method used to check movement.			
6	CBTL - Certification Body Testing Laboratory		Y	
O	17/06/2015 Equipment Audit Outlier			
C	25/06/2015 Lab has advised repeated practise and several attempts were required to ensure no vibrations when placing the apparatus.			
7	CBTL - Certification Body Testing Laboratory		Y	
O	17/06/2015 Equipment Audit Outlier			
C	15/07/2015 Corrective action info received. Accepted. Ball pressure test apparatus changed to comply with requirements of standard.			

PTP od strony SEP-BBJ

Report



Result Report 16e38.1 Temp Rise SMPS

26 Aug 2016
Program Date



BBJ-SEP Testing And Certification Institute

Participant Name Participant Id

Result Name

Label	Sample Name	Test Name	Result	Over-Ride	ZScore	Exclude	Pass/Fail	Action	Evaluation
A	Switch Mode Power Supply	Q13 Air speed	0.2						⊘
A	Switch Mode Power Supply	Q14 Pos 1 temp steady	48.7		0.0000				□
A	Switch Mode Power Supply	Q15 Pos 1 temp rise	23		-0.2248				□
A	Switch Mode Power Supply	Q16 Pos 2 temp steady	42.9		0.5264				□
A	Switch Mode Power Supply	Q17 Pos 2 temp rise	17.2		0.3372				□
A	Switch Mode Power Supply	Q18 Pos 3 temp steady	48.8		1.1601				☑
A	Switch Mode Power Supply	Q19 Pos 3 temp rise	23.1		0.9687				□
A	Switch Mode Power Supply	Q20 Pos 4 temp steady	46.6		0.5781				□
A	Switch Mode Power Supply	Q21 Pos 4 temp rise	20.9		0.4130				□
A	Switch Mode Power Supply	Q22 Pos 5 temp steady	40.3		0.6595				□
A	Switch Mode Power Supply	Q23 Pos 5 temp rise	14.6		0.4796				□
A	Switch Mode Power Supply	Q24 Pos 6 temp steady	64		1.0738				☑
A	Switch Mode Power Supply	Q25 Pos 6 temp rise	38.3		0.7494				□
B	Switch Mode Power Supply	Q03 T ambient min	51				P		☑
B	Switch Mode Power Supply	Q04 T ambient max	51.1				P		☑
B	Switch Mode Power Supply	Q05 Input A	0.428						⊘

PTP od strony SEP-BBJ

Raport

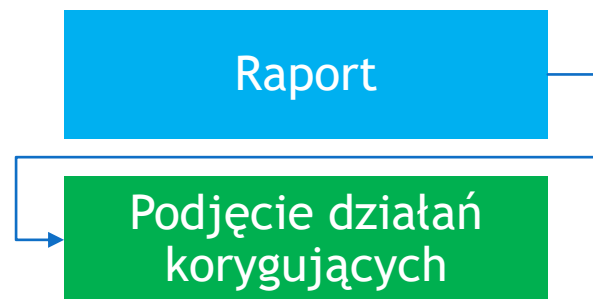
Interpretation of Z-scores

- Excellent
- Good
- Fair
- Outlier
- Not Assessed

Performance Indicator columns:

Exclude	X - Result has been excluded from statistical analyses
Pass/Fail	Pass or Fail explicitly assigned to result: <input checked="" type="checkbox"/> P - Pass <input checked="" type="checkbox"/> F - Fail
Action	A - Action required due to result outlier or explicit Fail
Evaluation	Refer to adjacent table for evaluation ICONs Refer to main report for Z-score acceptable range

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PTP od strony SEP-BBJ

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Podjęcie działań
korygujących

Electrical Program - Laboratory Follow-Up Report

(C) BBJ-SEP Testing And Certification Institute

<i>Program Date</i>	<i>Program Name</i>	<i>Program Topic (Lab Code)</i>	<i>Action</i>	<i>Alert</i>	<i>Due Date</i>
201309	13e36	Touch Current (3)	Y	Y	6/11/2014
29/07/2014	Opened	1 outlier for 110V, 60 Hz and 1 outlier for 240V 50Hz.			

>> Report Indicator Columns

Column:

- Action - "Y" when a submitted result was determined to be an outlier requiring corrective action(s) or additional information is required to clarify a result.
Action history will then follow (In detailed reports ONLY).
- Alert - "Y" when corrective or other action(s) have not been completed
- Due Date - Date by which corrective or other action(s) are required to be completed.
This date is not set until the FINAL report has been issued.

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Raport

Podjęcie działań
korygujących

KARTA DZIAŁAŃ KORYGUJĄCYCH

nr LA/02/2016

I. OPIS NIEZGODNOŚCI

1. Dotyczy niezgodności istniejącej w:

Nazwa komórki: LA Kierownik komórki: Dariusz Szczepanowski
Imię, nazwisko

Dokument stwierdzający niezgodność:

Proficiency Testing FINAL REPORT Electric strength/ high voltage test 15e43-2

Stwierdzone przez: Ingrid Fleming w dniu 09.11.2016

Niezgodność:

Part01 (50Hz): 4 results assessed as outlying

2. Przyczyna:

Nieprecyzyjne nastawienie wartości granicznej prądu upływu, tj. 50 mA i 20 mA
Not precise enough adjustment of limited value of leakage current for 50 mA and 20 mA values.

Kierownik Zakładu
Aparatów Niskiego Napięcia
.....mgr inż. Dariusz Szczepanowski.....
Stanowisko, imię, nazwisko, podpis, data

II. PLANOWANE DZIAŁANIA KORYGUJĄCE

1. Zakres działań, terminy, odpowiedzialni za wykonanie:

Korekcja: Powtórne wykonanie badań zgodnie z podaną instrukcją w ramach PTP 15e43-2.
Przekazanie dokumentów potwierdzających wykonanie korekcji i działań korygujących do organizatora PTP 15e43-2.

Repeat test acc. to PTP 15e43-2 instruction. Send evidence of made corrections and corrective actions to PTP 15e43-2 coordinator.

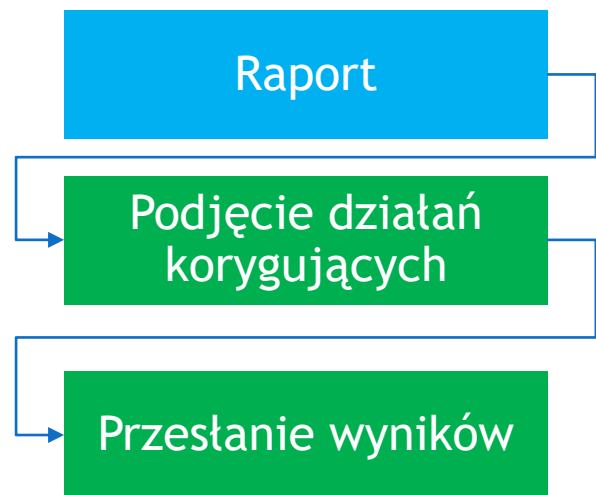
Działania korygujące: Przeprowadzenie szkolenia personelu w zakresie wymagań
PN-EN ISO/IEC 17025:2015 p. 5.5

Staff training in scope of cl. 5.5 of PN-EN ISO/IEC 17025:2015.
Termin: 10.02.2017

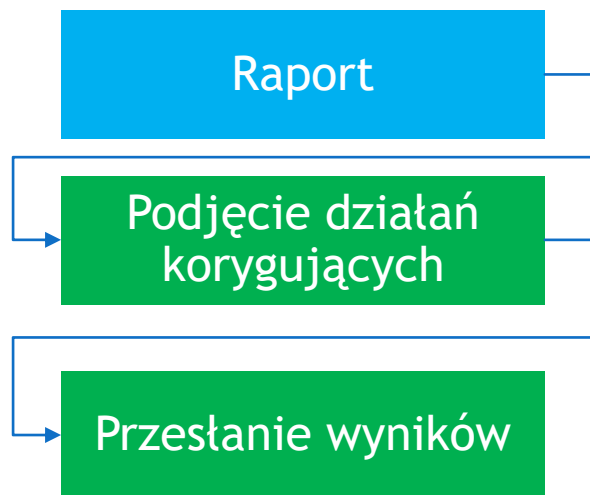
Proponowane przez:

Kierownik Zakładu
Aparatów Niskiego Napięcia
.....mgr inż. Dariusz Szczepanowski.....
Stanowisko, imię, nazwisko, podpis, data

PTP od strony SEP-BBJ



PTP od strony SEP-BBJ



PTP-OUTLIER_CORRECTIVE-ACTION-CHECKLIST MOD

The laboratory is expected to use its own quality management system documentation for the conduct of:

- the impact assessment of non-conformities,
- root cause analyses,
- corrective actions and preventive actions

This checklist is to be used to ensure the submission is complete. This checklist does not replace the laboratory's own quality management system. Refer to ISO/IEC 17025:2005. Clauses 4.9-4.12 shall be considered.

PROGRAM AND CORRECTIVE ACTION DETAILS

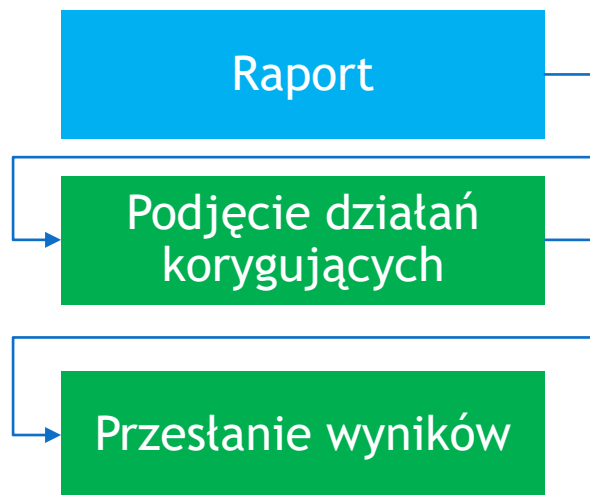
Laboratory Name	BBJ-SEP Testing And Certification Institute
IFM Customer Number (Cnnnnn)	C00034
Program Name / Topic	15e43-2
Relevant NCB	Association of Polish Electricians – Quality Testing Office (SEP – BBJ)
Name of Submitter (for correspondence)	Kamil Misztal (Quality Manager)
Email of Submitter (for correspondence)	k.misztal@bbj.pl

IMPACT ASSESSMENT ACCORDING TO ISO/IEC 17025:2005 (CLAUSE 4.9)

In clause 4.9, the applicable points for PTP outliers are 4.9.1.b, c and d. Attaching evidence proving the consideration of these clauses is not required. However, laboratories within the CB scheme shall use this form to CONFIRM these clauses were considered, and supply a corresponding impact statement to their NCB.

Clause	Summary	Confirmed
4.9.1 b	An evaluation of the significance of the PTP outlier has been made.	<input checked="" type="checkbox"/>
4.9.1 c	An immediate correction has been taken and a decision made regarding the acceptability of the PTP outlier in relation to non-conforming test work.	<input checked="" type="checkbox"/>
4.9.1 d	Consideration has been given to the possible need to notify customers and recall test certificates.	<input checked="" type="checkbox"/>
	An impact statement has been provided to the NCB(s).	<input checked="" type="checkbox"/>
Comment (optional):		
The above was performed by: <input checked="" type="checkbox"/> Quality Manager, <input type="checkbox"/> Laboratory Manager <input type="checkbox"/> other Senior Staff		

PTP od strony SEP-BBJ



PTP-OUTLIER_CORRECTIVE-ACTION-CHECKLIST MOD

ROOT CAUSE INVESTIGATION AND IMPLEMENTATION OF CORRECTIVE ACTIONS ACCORDING TO ISO/IEC 17025:2005 (CLAUSE 4.11)

(Attach evidence using your Company's Quality Management forms. Please place all forms into a single PDF file.)

Clause	Topic	Completed	Evidence is attached	
			Page #	Paragraph #
	If the corrective action report is in a language other than English, an English language summary is provided.	<input checked="" type="checkbox"/>	Explanation to to PTP 15e43-2	
4.11.1	The PTP outlier has been registered in the quality management system	<input checked="" type="checkbox"/>	3	LA/02/2016
4.11.2	Root cause analysis has been conducted	<input checked="" type="checkbox"/>	1	cl. 3)
4.11.3	The chosen corrective action(s) address the identified root cause	<input checked="" type="checkbox"/>	1	cl. 4)
4.11.4	A plan for monitoring the success of the corrective action has been established	<input checked="" type="checkbox"/>	1	cl. 4)
4.11.4	Samples have been re-tested to confirm?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(If yes) retested 15e43-2	(If yes) Attachmant No 2

MONITORING ACTIONS AND PREVENTIVE ACTIONS (CLAUSES 4.11 AND 4.12)

Clause	Question	Outcome
4.11.4 continued	Due date for monitoring the success of the corrective actions	to 31.12.2017. Note: this may be a future date past the due date for submission of the responses to IFM.
	Date when the corrective actions will be reviewed and finalized	to 31.12.2017
4.11.5	Additional audit(s) have been performed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Comment in internal audit in Laboratory in 2017
4.12	Preventive action has been described	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Comment after information from IMF QS

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PTP od strony SEP-BBJ



PAC/3582/GNCR


Raport

Podjęcie działań
korygujących

Przesłanie wyników

Sekretariat IECEE

IECEE General Non-Conformity Report

Non-conformity Report No	PAC/3582/GNCR	Date	2017-02-21
Name of the Testing Laboratory / NCB:	CBTL Association of Polish Electricians – Quality Testing Office (SEP – BBJ) Testing Laboratory WARSAW (NCB Association of Polish Electricians – Quality Testing Office (SEP – BBJ))		
Current accepted scope: INST, LITE	Clause / Sub-clause of Non-Conformity: OD-5004, clause 14 and OD-2033, Annex A		
Non-conformity description			
Failure to successfully complete corrective actions for PTP Program in a timely manner.			
Detail: Program Name: 15e43-2 – Electric Strength Test (201607) Laboratory Code within Program: 1 Nature of non-conformity: Part01 (50Hz): 4 results assessed as outlying. Date that closure was due: 2017-02-10			
IECEE Executive Secretary, Mr. Kerry McManama			
			
Signature and printed name			

PTP od strony SEP-BBJ



Root cause of non-conformity

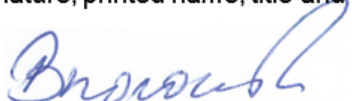
1. CBTL quality system instruction IOB-04 (Participation in Proficiency Testing) does not contain clear requirements concerning NCB participation and responsibility in regard to the PTP activities.
2. The lack of effective NCB supervision of CBTL in regard to the PTP activities.
3. Failure to follow internal instruction IOB-04 (see item 1.) and IECEE OD-5004 by CBTL.

Deadline for Non-conformity clearances

2017-03-21

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Proposed Corrective action(s)	
<p>Correction: To send relevant information and documents from CBTL for PTP 15e43-2 to IECEE Secretariat.</p> <p>Corrective actions:</p> <ol style="list-style-type: none"> To review CBTL quality system documentation in regard to the PTP activities. To modify instruction IOB-04 into the general procedure POS (dealing with NCB as well as CBTL activities), which will contain clear requirements for planning, organisation, participation and supervision of the PTP activities. That procedure will contain the references to the relevant national document DA-05, ed. 6 of PCA (Polish Centre for Accreditation) and international (IECEE OD 5004, ed. 2.0). Training of NCB and CBTL staff on new POS procedure dealing with PTP (see item 1.). 	
Implementation date	Signature, printed name, title and date
2017-03-20	 Zbigniew Brzozowski, NCB Manager 2017-03-10
Proposed Corrective Action(s) acceptance	
Acceptance, no further verification required	<input type="checkbox"/>
Acceptance, further verification of implementation is required, <u>without</u> on-site follow-up assessment	<input type="checkbox"/>
Acceptance, further verification of implementation is required, <u>with</u> on-site follow-up assessment	<input type="checkbox"/>
IECEE Executive Secretary (Signature, printed name and date)	
Implementation verified and final clearance provided by IECEE Executive Secretary	
Signature, printed name and date	

Bibliografia

- ▶ IECEE OD 5004
- ▶ CTL PTP Wrokshop 2017 - autor Ingrid Flemming IFM QS Pty Ltd.
- ▶ www.ifmqs.com.au
- ▶ www.iecee.org

Dziękujemy