



PROVIDER OF PROFICIENCY TESTING ATG

# CERTIFICATE

of participation in the NDT proficiency testing program  
according to requirements of standard EN ISO/IEC 17043

We hereby confirm, that the NDT laboratory of the company

**LMTC – Laboratory for material analysis & testing  
and calibration of measuring facilities at the**

**IMSEYHC– BAS**


**67 „Shipchenski prohod“ str, Sofia 1574, Bulgaria**

Participated in the period from 2016/02/03 to 2017/01/17  
in the proficiency testing program No. RT-02/2016/12

NDT method : **RADIOGRAPHY – RT**

With result : **SATISFACTORY**

Date of issue: 2017/02/28

  
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Václav Jandura, Ph.D.  
Head of Provider of Proficiency Testing ATG

# Certificate

of participation in the proficiency test

**Indirect verification of salt spray chamber**

**SST-2015 (1506)**

organised by the

**Institut für Eignungsprüfung GmbH**

Daimlerstraße 8  
D-45770 Marl

The testing laboratory

**Institute of Metal Science - BAS**

**LMTC**

67, Shipchenski prohod str.

1574 Sofia

**Laboratory Code: 192**

has participated with the following result:

<b>Mass loss</b>
satisfactory

Marl, 30.01.2016



Dipl.-Ing. C. Weißmüller  
Programme coordinator



# Certificate

of participation in the proficiency test

**Emission spectrometry  
low alloyed steel  
EMS Fe a-2014 (1403a)**

organised by the

**Institut für Eignungsprüfung GmbH**  
Daimlerstraße 8  
D-45770 Marl

The testing laboratory

**Institute of Metal Science "Acad. Angel Balevsky", BAS**

**LMTC**

**67 Shipchensky prohod St.**

**1574 Sofia**

**Laboratory Code: 80**

has participated with the results stated below:

<b>Analysed, evaluated elements:</b>	<b>therefrom satisfactory:</b>	<b>Assessment*:</b>
9 of 10	100 %	satisfactory

Marl, 10.11.2014

  
Dipl.-Ing. C. Weißmüller  
Programme coordinator

 **DAkkS**  
Deutsche  
Akkreditierungsstelle  
D-EP-11183-01-00

\* With less than 75 % satisfactory results the complete proficiency test is rated as „unsatisfactory participated”.  
For detailed information see final report "Emission spectrometry low alloyed steel, EMS Fe a-2014".



**EFQM** Member  
Shares what works.

## СЕРТИФИКАТ EBC-966/2012

Настоящият сертификат се издава на

**Лаборатория за анализ и изпитване на материали и калибриране на средства за измерване при Институт по металознание, съоръжения и технологии - БАН гр.София**

В уверение на това, че същата е участвала в междулабораторно сравнение

**НАЦИОНАЛЕН ТЕХНИЧЕСКИ ПРОЕКТ ЗА ИЗПИТВАНЕ ЗА ПРИГОДНОСТ № EBC-28/2010  
“МЕЖДУЛАБОРАТОРНО СРАВНЕНИЕ ПО ПРОДУКТ „МЕТАЛ ИЛИ СПЛАВ, ЗАВАРЕНО СЪЕДИНЕНИЕ”**

В периода 10.2010 г. - 10.2012 г., съгласно БДС EN ISO/IEC 17043:2010

по показатели:

Якост на опън при стайна температура, граница на провлачване, относително удължение, изпитване на твърдост

Междулабораторните сравнения се организират от ЕВРОБУЛ КОНТРОЛ ООД

Стефан Абаджиев  
Изпълнителен Директор  
ЕвроБул Холдинг АД



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[ilc@compalab.org](mailto:ilc@compalab.org)

Rosny-sous-Bois, April 24<sup>th</sup> 2018

# Certificate

of participation in the proficiency test by inter-laboratory comparison

**ME17B: Determination of the grain size and of the content of non-metallic inclusions of a copper alloy**

Organized by COMPALAB

The testing laboratory:

**LMTC, Institute of Metal Science, Equipment and Technologies with Hydro-aerodynamics Centre "Acad. A. BALEVSKI" BAS,**

67 "Shipchenski prohod" blvd. 1574 Sofia Bulgaria

Laboratory code: 840

Has participated in 2017 with the following results:

Grain size – d	Grain size - G
SATISFACTORY	SATISFACTORY

Yours truly,

LJ Hollebecq

General manager

# Certificate of participation

to the interlaboratory comparison for proficiency testing

## CY18HE

Charpy impact pendulum test at ambient temperature (high energy)

**Participant n°2210:**

**LMTC-IMSETHC-BAS**

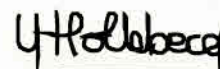
1574 Sofia (BG)

Only the results of main characteristics with enough participants are displayed here after.

Please see reference documents (especially ISO 17043 Annex C) for correct understanding of results.

Characteristics	Bias	Repeatability	Method
Absorbed energy - KV <sub>2</sub> , KV <sub>6</sub>	Satisfactory results	Satisfactory results	V2

Rosny-sous-Bois, 13/12/2018



L.J. HOLLEBECQ

General manager

# Certificate

of participation in the proficiency test

**Emission spectrometry  
low alloyed steel  
EMS Fe a-2019 (1903a)**

organised by the



**Institut für Eignungsprüfung GmbH**  
Daimlerstrasse 8  
D-45770 Marl



The testing laboratory

**Institute of metal science, equipment and technologies  
with hydroaerodynamics centre - BAS**

**LMTC**

**67, Shipchenski prohod str.**

**1574 Sofia**

**Laboratory Code: 265**

has participated with the results stated below:

<b>Analysed, evaluated elements:</b>	<b>therefrom satisfactory:</b>	<b>Assessment*:</b>
9 of 10	78 %	Satisfactory

Marl, 28.08.2019

Dipl.-Ing. C. Weißmüller  
Programme coordinator

\* With less than 75 % satisfactory results the complete proficiency test is rated as „unsatisfactory participated“.  
For detailed information see final report "Emission spectrometry low alloyed steel, EMS Fe a-2019".