

**PTBExPTP Workshop 2012**  
**Overview of Test Round “i”**

**Wednesday, 18th of July, 2012 (theory):**

**PT Workshop “i” part 1 on Wednesday, 18<sup>th</sup> of July, 2012 (Vieweg building, Room 234)**

|                      |                                                                                                                           |                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>9:00</b>          | <b>Begrüßungskaffee</b>                                                                                                   |                         |
| <b>9:30 – 9:45</b>   | Opening words                                                                                                             | Dr. Uwe Klausmeyer      |
| <b>9:45 – 10:45</b>  | Basics and theory of the type of protection safety concept “i” intrinsic safety                                           | Dr. Ulrich Johannsmeyer |
| <b>10:45 – 11:15</b> | <b>Coffee break</b>                                                                                                       |                         |
| <b>11:15 – 12:00</b> | Statistical methods for analyzing the test results in Test round “i” of proficiency testing program                       | Dr. Thomas Horn         |
| <b>12:00 – 13:00</b> | Lunch                                                                                                                     |                         |
| <b>13:00 – 13:45</b> | Presentation of the results and conclusions of Test Round “i”                                                             | Jia Wu                  |
| <b>13:45 – 14:45</b> | Assessment and testing of “i” circuits, special sampling and preparation for ignition tests in accordance to IEC 60079-11 | Thomas Uehlken          |
| <b>14:45 – 15:15</b> | <b>Coffee break</b>                                                                                                       |                         |
| <b>15:15 – End</b>   | Open discussion                                                                                                           |                         |

## Thursday, 19th of July, 2012 (practice):

1. Station: Ignition tests with STA (Bunsen building, Room 213)
2. Station: Temperature test of battery (Bunsen building, Room 210)
3. Station: Tests with electric Motor and surface temperature test (Weber building)
4. Station: Preparation of tungsten wires ((Coffee: Bunsen building 10:45; Raum 114), Room 213)

## PT Workshop “i” part 2 on Thursday, 19<sup>th</sup> of July, 2012

|                 | 1. Station                                          | 2. Station | 3. Station | 4. Station |
|-----------------|-----------------------------------------------------|------------|------------|------------|
| 09:15 – 09: 45  | Group A                                             | Group B    | Group C    | Group D    |
| 10:00 – 10: 30  | Group B                                             | Group C    | Group D    | Group A    |
| 10:45 – 11:15   | Group C                                             | Group D    | Group A    | Group B    |
| 11: 30 – 12: 00 | Group D                                             | Group A    | Group B    | Group C    |
| 12: 00 – 13: 00 | Lunch                                               |            |            |            |
| 13: 15 - End    | Final discussion (all in Vieweg building, Room 234) |            |            |            |

## Guide of station

|            |                                             |
|------------|---------------------------------------------|
| 1. Station | Juri Wolkow and Ulrich Johannsmeyer (Rajiv) |
| 2. Station | Adam Kübler and Thomas Horn                 |
| 3. Station | Jia Wu and Frank Lienesch                   |
| 4. Station | Lutz Schubert and Thomas Uehlken            |

## Guide of Group

|         |                    |
|---------|--------------------|
| Group A | Tim Krause         |
| Group B | Frank Bußmann      |
| Group C | Kurt Hassel        |
| Group D | Hans-Günter Gillar |

## List of participants for group A to D

| List of participants in Test Round "I" of workshop 2012 - Group A |         |             |                                                                         |                           |                                |
|-------------------------------------------------------------------|---------|-------------|-------------------------------------------------------------------------|---------------------------|--------------------------------|
| Salutation                                                        | Surname | First name  | Organisation                                                            | City                      | email                          |
| Mr.                                                               | Marsden | Simon       | Baseefa Ltd                                                             | Buxton                    | simon.marsden@baseefa.com      |
| Mr.                                                               | Li      | Zhong Qiang | China National Quality Supervision & Test Center for Explosion-Proof An | Fushun ,Liaoning province | lzqsyh@163.com                 |
| Mr.                                                               | Zhu     | Shian       | China National Quality Supervision & Test Center for Explosion-Proof An | Fushun                    | zhushianabc@sina.com           |
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| Mr.                                                               | Jarem   | Nils        | DNV Nemko Presafe AS                                                    | Oslo                      | nils.jarem@presafe.com         |
| Mr.                                                               | Norheim | Stig André  | DNV Nemko Presafe AS                                                    | Oslo                      | stig.andre.norheim@presafe.com |
| Mrs.                                                              | Emese   | Bódis       | ExVÁ Ltd.                                                               | Budapest                  | bodis@bki.hu                   |
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| Mr.                                                               | Müllner | Janos       | ExVÁ Ltd.                                                               | Budapest                  | mullner@bki.hu                 |

| List of participants in Test Round "I" of workshop 2012 - Group B |            |            |                                            |                     |                            |
|-------------------------------------------------------------------|------------|------------|--------------------------------------------|---------------------|----------------------------|
| Salutation                                                        | Surname    | First name | Organisation                               | City                | email                      |
| Mr.                                                               | Sodzwiczny | Dawid      | Grówny Instytut Górnicztwa                 | Katowice            | dsodzwiczny@gig.eu         |
| Mr.                                                               | Götze      | Reimund    | IBExU Institut für Sicherheitstechnik GmbH | Freiberg            | r.goetze@ibexu.de          |
| Mr.                                                               | Sändig     | Jens       | IBExU Institut für Sicherheitstechnik GmbH | Freiberg            | j.saendig@ibexu.de         |
| Mr.                                                               | Delbaere   | Thierry    | INERIS                                     | Verneuil-en-Halatte | thierry.delbaere@ineris.fr |
| Mr.                                                               | Munro      | Jim        | Jim Munro International Compliance Pty Ltd | Blaxland            | mail@jimmunro.org          |
| Herr                                                              | Hauke      | Rudolf     | DEKRA EXAM GmbH                            | Bochum              | rudolf.hauke@dekra.com     |
| Mr.                                                               | Dunaev     | Alexander  | NANIO CCVE                                 | Moscow              | dunaev@ccve.ru             |
| Mr.                                                               | Ershov     | Victor     | NANIO CCVE                                 | Moscow              | ershov@ccve.ru             |
| Mrs.                                                              | Porshina   | Anna       | NANIO CCVE                                 | Moscow              | porshina@ccve.ru           |

| List of participants in Test Round "I" of workshop 2012 - Group C |          |            |                                            |                     |                               |
|-------------------------------------------------------------------|----------|------------|--------------------------------------------|---------------------|-------------------------------|
| Salutation                                                        | Surname  | First name | Organisation                               | City                | email                         |
| Mrs.                                                              | Gamma    | Munira     | Ex-Agencija                                | Zagreb              | m.gamma@ex-agencija.hr        |
| Herr                                                              | Gabriel  | Günter     | Pepperl+Fuchs GmbH                         | Mannheim            | ggabriel@de.pepperl-fuchs.com |
| Mr.                                                               | Martinak | Lukas      | Physical-Technical Testing Institute, s.p. | Ostrava - Radvanice | martinak@ftzu.cz              |
| Mr.                                                               | Vesely   | Petr       | Physical-Technical Testing Institute, s.p. | Ostrava - Radvanice | vesely@ftzu.cz                |
| Herr                                                              | Zelm     | Harald     | Prüf- und Zertifizierungsstelle ZELM Ex    | Braunschweig        | hzelm@zelm.de                 |
| Herr                                                              | Zelm     | Thomas     | ZELM Explosionsschutz GmbH                 | Braunschweig        | tzelm@zelm.de                 |
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| Mrs.                                                              | Lu       | Qiao       | SITI/AS/NEPSI                              | Shanghai            | luqiao@nepsi.org.cn           |
| Mr.                                                               | Yang     | Deshuang   | SITI/AS/NEPSI                              | Shanghai            | yangdeshuang@nepsi.org.cn     |

| List of participants in Test Round "I" of workshop 2012 - Group D |            |            |                                                                        |            |                        |
|-------------------------------------------------------------------|------------|------------|------------------------------------------------------------------------|------------|------------------------|
| Salutation                                                        | Surname    | First name | Organisation                                                           | City       | email                  |
| Mr.                                                               | Krek       | Stefan     | SIQ Ljubljana                                                          | Ljubljana  | stefan.krek@siq.si     |
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| Mr.                                                               | Galera     | Eduardo    | Underwriters Laboratories                                              | Sao Paulo  | eduardo.galera@ul.com  |
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| Mr.                                                               | Sulonen    | Risto      | VTT Expert Services Ltd                                                | VTT Espoo  | Risto.Sulonen@vtt.fi   |