INDUSTRY

SUMMARY DESCRIPTION OF THE PROGRAMME FOR 2020

8th edition as of 06-12-2019

<table>
<thead>
<tr>
<th></th>
<th>Elaborated by:</th>
<th>Approved by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Przemysław Domoradzki</td>
<td>Karolina Sójka</td>
</tr>
<tr>
<td>Date</td>
<td>6th December, 2019</td>
<td>6th December, 2019</td>
</tr>
<tr>
<td>Signature</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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## General information

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<thead>
<tr>
<th>Proficiency testing Organiser's name (technical department, branch office, subsidiary office):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Przedsiębiorstwo Geologiczne Sp. z o.o.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Street, no.:</th>
<th>Hauke Bosaka 3A</th>
</tr>
</thead>
<tbody>
<tr>
<td>City, postal code:</td>
<td>Kielce, 25-214</td>
</tr>
</tbody>
</table>

### Coordinator

<table>
<thead>
<tr>
<th>Name and surname:</th>
<th>Karolina Sójka</th>
</tr>
</thead>
<tbody>
<tr>
<td>Function:</td>
<td>Coordinator</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone, fax, e-mail:</th>
<th>Telephone: +48 41 365 10 00, +48 517 856 757, fax: +48 41 365 10 10</th>
</tr>
</thead>
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<tr>
<td></td>
<td><a href="mailto:info@interlabtest.com">info@interlabtest.com</a></td>
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<tr>
<td></td>
<td><a href="mailto:info@laborvergleiche.de">info@laborvergleiche.de</a></td>
</tr>
</tbody>
</table>
## Scope of tests included in the proficiency testing programme

<table>
<thead>
<tr>
<th>Round symbol</th>
<th>Object of tests</th>
<th>Property tested</th>
<th>Deadline for submitting applications</th>
<th>Date of sample distribution / Date of sample collection</th>
<th>Deadline for reporting results</th>
<th>Deadline for sending out the final report</th>
<th>Net participation cost</th>
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</thead>
<tbody>
<tr>
<td>1.1/IND/20</td>
<td>Aggregate</td>
<td>Determination of the water content by drying in a ventilated oven</td>
<td>14-02-2020</td>
<td>03-03-2020</td>
<td>20-03-2020</td>
<td>30-04-2020</td>
<td>100,00 Euro</td>
</tr>
<tr>
<td>2.1/IND/20</td>
<td>Aggregate</td>
<td>Determination of resistance to freezing</td>
<td>20-03-2020</td>
<td>28-04-2020</td>
<td>05-06-2020</td>
<td>03-07-2020</td>
<td>250,00 Euro</td>
</tr>
<tr>
<td>4.1/IND/20</td>
<td>Aggregate</td>
<td>Determination of resistance to freezing in the presence of salt (NaCl)</td>
<td>20-03-2020</td>
<td>12-05-2020</td>
<td>26-06-2020</td>
<td>31-07-2020</td>
<td>250,00 Euro</td>
</tr>
<tr>
<td>5.1/IND/20</td>
<td>Aggregate</td>
<td>Assessment of fines - Sand equivalent test Fraction 0/2 mm</td>
<td>30-04-2020</td>
<td>02-06-2020</td>
<td>03-07-2020</td>
<td>14-08-2020</td>
<td>250,00 Euro</td>
</tr>
<tr>
<td>7.1/IND/20</td>
<td>Aggregate</td>
<td>Determination of the resistance to wear (micro-Deval)</td>
<td>07-08-2020</td>
<td>22-09-2020</td>
<td>16-10-2020</td>
<td>27-11-2020</td>
<td>250,00 Euro</td>
</tr>
<tr>
<td>8.1/IND/20</td>
<td>Natural stone</td>
<td>Determination of water absorption at atmospheric pressure</td>
<td>28-08-2020</td>
<td>27-10-2020</td>
<td>27-11-2020</td>
<td>30-12-2020</td>
<td>250,00 Euro</td>
</tr>
</tbody>
</table>
1. Aggregate – Determination of the water content by drying in a ventilated oven – 1.1/IND/20

1.1. Scope of tests included in the proficiency testing programme

Determination of the water content by drying in a ventilated oven

1.2. Methods and techniques

EN 1097-5:2008 – Tests for mechanical and physical properties of aggregates – Part 5: Determination of the water content by drying in a ventilated oven

1.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

100,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

1.4. Object of tests

Determination of water content by drying in a ventilated oven will be performed on a real aggregate sample. Participants will receive a proficiency testing item weighing 3.0±0.1 kg. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage and loss of water.

1.5. Schedule for proficiency testing round

- deadline for submitting applications: 14-02-2020
- planned date of sending out samples: 03-03-2020
- deadline for submitting results to the Organiser: 20-03-2020
- deadline for sending out the final report: 30-04-2020

2.1. Scope of tests included in the proficiency testing programme

Determination of resistance to freezing

2.2. Methods and techniques

*EN 1367-1:2007 – Tests for thermal and weathering properties of aggregates – Part 1: Determination of resistance to freezing and thawing*

2.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

2.4. Object of tests

Determination of frost resistance in water will be performed on a real aggregate sample. All participants will receive a proficiency testing item of 8/16 mm fraction, weighing 12±0.1 kg. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage.

2.5. Schedule for proficiency testing round

- deadline for submitting applications: 20-03-2020
- planned date of sending out samples: 28-04-2020
- deadline for submitting results to the Organiser: 05-06-2020
- deadline for sending out the final report: 03-07-2020

3.1. Scope of tests included in the proficiency testing programme

Determination of particle density and water absorption

3.2. Methods and techniques

EN 1097-6:2013 – Tests for mechanical and physical properties of aggregates – Part 6: Determination of particle density and water absorption

Pyknometer method

3.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

3.4. Object of tests

Determination of density and absorption of particles using the pyknometer method will be performed on a real aggregate sample. All participants will receive a proficiency testing item weighing 9.0±0.1 kg and having particle size up to 4/31.5 mm. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage.

3.5. Schedule for proficiency testing round

- deadline for submitting applications: 20-03-2020
- planned date of sending out samples: 28-04-2020
- deadline for submitting results to the Organiser: 29-05-2020
- deadline for sending out the final report: 03-07-2020

4.1. Scope of tests included in the proficiency testing programme

Determination of resistance to freezing in the presence of salt (NaCl)

4.2. Methods and techniques

EN 1367-6:2008 – Tests for thermal and weathering properties of aggregates – Part 6: Determination of resistance to freezing and thawing in the presence of salt (NaCl)

4.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

4.4. Object of tests

Determination of resistance to freezing in the presence of salt will be performed on a real aggregate sample. All participants will receive a proficiency testing item of 8/16 mm fraction, weighing 9.5±0.1 kg. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage.

4.5. Schedule for proficiency testing round

- deadline for submitting applications: 20-03-2020
- planned date of sending out samples: 12-05-2020
- deadline for submitting results to the Organiser: 26-06-2020
- deadline for sending out the final report: 31-07-2020
5. Aggregate – Assessment of fines - Sand equivalent test – 5.1/IND/20

5.1. Scope of tests included in the proficiency testing programme

Assessment of fines - Sand equivalent test

Fraction 0/2 mm

5.2. Methods and techniques


5.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

5.4. Object of tests

Assessment of fine particle content using sand equivalent will be performed on a real aggregate sample. Participants will receive a proficiency testing item weighing 2.5±0.1 kg.

In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage and loss of water.

5.5. Schedule for proficiency testing round

- deadline for submitting applications: 30-04-2020
- planned date of sending out samples: 02-06-2020
- deadline for submitting results to the Organiser: 03-07-2020
- deadline for sending out the final report: 14-08-2020

6.1. Scope of tests included in the proficiency testing programme

Determination of resistance to fragmentation

Method: Los Angeles

6.2. Methods and techniques

EN 1097-2:2010 – Tests for mechanical and physical properties of aggregates – Part 2: Methods for the determination of resistance to fragmentation

Method: Los Angeles

6.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

6.4. Object of tests

Determination of resistance to fragmentation using the Los Angeles method will be performed on a real aggregate sample. All participants will receive a proficiency testing item of 10/14 mm fraction, weighing 15±0.1 kg. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage.

6.5. Schedule for proficiency testing round

- deadline for submitting applications: 07-08-2020
- planned date of sending out samples: 22-09-2020
- deadline for submitting results to the Organiser: 16-10-2020
- deadline for sending out the final report: 27-11-2020

7.1. Scope of tests included in the proficiency testing programme

Determination of the resistance to wear (micro-Deval)

7.2. Methods and techniques

EN 1097-1:2011 – Tests for mechanical and physical properties of aggregates – Part 1: Determination of the resistance to wear (micro-Deval)

7.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

7.4. Object of tests

Determination of resistance to wear (micro-Deval) will be performed on a real aggregate sample. All participants will receive a proficiency testing item of 10/14 mm fraction, weighing 2.5±0.1 kg. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage.

7.5. Schedule for proficiency testing round

- deadline for submitting applications: 07-08-2020
- planned date of sending out samples: 22-09-2020
- deadline for submitting results to the Organiser: 16-10-2020
- deadline for sending out the final report: 27-11-2020

8.1. Scope of tests included in the proficiency testing programme

Determination of water absorption at atmospheric pressure

8.2. Methods and techniques

EN 13755:2008 – Natural stone test methods – Determination of water absorption at atmospheric pressure

8.3. Participants’ costs

In the proficiency testing program, the scope of tests included:

250,00 Euro (net cost)

Organiser does not cover the costs of delivery of the sample to the participant.

8.4. Object of tests

Determination of water absorption of natural stone at atmospheric pressure will be performed on a real aggregate sample. Participants will receive 6 pieces of natural stone in the form of cubes with dimensions (50x50x50)±5 mm. In order to preserve the principle of confidentiality and to prevent the exchange of information among participants, each item will be marked with an individual code assigned to a given participant taking part in the proficiency testing and it will be known only to the Organiser. All samples will be protected against damage.

8.5. Schedule for proficiency testing round

- deadline for submitting applications: 28-08-2020
- planned date of sending out samples: 27-10-2020
- deadline for submitting results to the Organiser: 27-11-2020
- deadline for sending out the final report: 30-12-2020
Contact details

Contact person: Karolina Sójka
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e-mail: info@interlabtest.com or info@laborvergleiche.de

Results should be submitted via:

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- by fax to the number: +48 41 365 10 10
- or by e-mail to the address: info@interlabtest.com or info@laborvergleiche.de