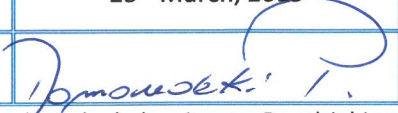



I N D U S T R Y

SUMMARY DESCRIPTION OF THE PROGRAM FOR 2019

7th edition as of 25-03-2019

	Elaborated by:	Approved by:
Name	Przemysław Domoradzki	Karolina Sójka
Date	25 th March, 2019	25 th March, 2019
Signature		

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General information

PT Organizer name: Przedsiębiorstwo Geologiczne Sp. z o.o.	
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City, postcode, country:	Kielce, 25-214, Poland
Coordinator	
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Scope of tests

Symbol of round	Object of tests	Property tested	Deadline to send applications	Starting date/Sample distribution date/ Date of sampling	Deadline to report on results	Deadline to report on results	Net cost of participation
1.1/IND/19	Aggregate	Water content	22 nd February, 2019	26 th March, 2019	12 th April, 2019	10 th May, 2019	100,00 Euro
2.1/IND/19	Aggregate	Frost resistance in water	08 th March, 2019	02 nd April, 2019	30 th April, 2019	07 th June, 2019	250,00 Euro
3.1/IND/19	Aggregate	Density and absorbability of particles Method: pycnometric	08 th March, 2019	02 nd April, 2019	30 th April, 2019	07 th June, 2019	250,00 Euro
4.1/IND/19	Aggregate	Resistance to freezing in the presence of salt (NaCl)	08 th March, 2019	08 th May, 2019	14 th June, 2019	26 th July, 2019	250,00 Euro
5.1/IND/19	Aggregate	Fine particle content Sand equivalent Fraction 0/2 mm	26 th April, 2019	11 th June, 2019	12 th July, 2019	30 th August, 2019	250,00 Euro
6.1/IND/19	Aggregate	Resistance to fragmentation Method: Los Angeles	09 th August, 2019	24 th September, 2019	18 th October, 2019	22 nd November, 2019	250,00 Euro
7.1/IND/19	Aggregate	Resistance to wear (mikro-Deval)	09 th August, 2019	24 th September, 2019	18 th October, 2019	22 nd November, 2019	250,00 Euro
8.1/IND/19	Natural stone	Stone absorbability at atmospheric pressure	20 th September, 2019	29 th October, 2019	29 th November, 2019	31 st December, 2019	250,00 Euro

1. Aggregate – Water content – 1.1/IND/19**1.1. Scope of tests included in the program of proficiency testing**

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. Cost of participation

Cost of participation in a single round:

100,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

1.4. Object of tests

Determination of the water content by drying in a ventilated oven will be performed on the real sample of aggregate. Participants will receive the object of proficiency testing of $3,0 \pm 0,1$ kg. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage and water loss.

1.5. Time schedule of proficiency testing round

- deadline to send applications: 22nd February 2019
- sample distribution date: 26th March 2019
- date of submitting results to the Organizer: 12th April 2019
- distribution of final report: 10th May 2019

2. Aggregate – Frost resistance in water – 2.1/IND/19**2.1. Scope of tests included in the program of proficiency testing**

Frost resistance in water

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. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

2.4. Object of tests

Determination of frost resistance in water will be performed on the real sample of aggregate. Participants will receive the object of proficiency testing of $12 \pm 0,1$ kg of fraction 8/16 mm. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

2.5. Time schedule of proficiency testing round

- deadline to send applications: 08th March 2019
- sample distribution date: 02nd April 2019
- date of submitting results to the Organizer: 30th April 2019
- distribution of final report: 07th June 2019

3. Aggregate – Density and absorbability of particles – 3.1/IND/19**3.1. Scope of tests included in the program of proficiency testing**

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. Method: pycnometric

3.3. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

3.4. Object of tests

The object of the proficiency program, round 3/IND/17 is a real sample of aggregate with particles included in the fraction 4/31,5 mm. The amount of the sample is $9,0 \pm 0,1$ kg. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

3.5. Time schedule of proficiency testing round

- deadline to send applications: 08th March 2019
- sample distribution date: 02nd April 2019
- date of submitting results to the Organizer: 30th April 2019
- distribution of final report: 07th June 2019

4. Aggregate – Resistance to freezing in the presence of salt (NaCl) – 4.1/IND/19**4.1. Scope of tests included in the program of proficiency testing**

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. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

4.4. Object of tests

Determination of resistance to freezing in the presence of salt (NaCl) will be performed on the real sample of aggregate. Participants will receive the object of proficiency testing of $9,5 \pm 0,1$ kg of fraction 8/16 mm. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

4.5. Time schedule of proficiency testing round

- deadline to send applications: 08th March 2019
- sample distribution date: 05th May 2019
- date of submitting results to the Organizer: 14th June 2019
- distribution of final report: 26th July 2019

5. Aggregate – Fine particle content – Sand equivalent –5.1/IND/19**5.1. Scope of tests included in the program of proficiency testing**

Assessment of fine particle content

Sand equivalent

Fraction 0/2 mm

5.2. Methods and techniques

EN 933-8+A1:2015-07 – Tests for geometrical properties of aggregates - Part 8: Assessment of fines - Sand equivalent test

5.3. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

5.4. Object of tests

Assessment of fine particle content by sand equivalent test will be performed on the real sample of aggregate. Participants will receive the object of proficiency testing of $2,5 \pm 0,1$ kg. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

5.5. Time schedule of proficiency testing round

- deadline to send applications: 26th April 2019
- sample distribution date: 11th June 2019
- date of submitting results to the Organizer: 12th July 2019
- distribution of final report: 30th August 2019

6. Aggregate – Resistance to fragmentation – Los Angeles – 6.1/IND/19**6.1. Scope of tests included in the program of proficiency testing**

Resistance to fragmentation

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. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

6.4. Object of tests

Determination of resistance to fragmentation by Los Angeles method will be performed on the real sample of aggregate. Participants will receive the object of proficiency testing of $15 \pm 0,1$ kg of fraction 10/14 mm. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

6.5. Time schedule of proficiency testing round

- deadline to send applications: 09th August 2019
- sample distribution date: 24th September 2019
- date of submitting results to the Organizer: 18th October 2019
- distribution of final report: 22nd November 2019

7. Aggregate – Resistance to wear (mikro-Deval) – 7.1/IND/19**7.1. Scope of tests included in the program of proficiency testing**

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. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

7.4. Object of tests

Determination of the resistance to wear (micro-Deval) will be performed on the real sample of aggregate. Participants will receive the object of proficiency testing of $2,5 \pm 0,1$ kg of fraction 10/14 mm. To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

7.5. Time schedule of proficiency testing round

- deadline to send applications: 09th August 2019
- sample distribution date: 24th September 2019
- date of submitting results to the Organizer: 18th October 2019
- distribution of final report: 22nd November 2019

8. Natural stone – Stone absorbability at atmospheric pressure – 8.1/IND/19**8.1. Scope of tests included in the program of proficiency testing**

Stone absorbability at atmospheric pressure

8.2. Methods and techniques

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

8.3. Cost of participation

Cost of participation in a single round:

250,00 Euro (net cost)

Participation The Organizer does not cover the cost of sample transport to a Participant.

8.4. Object of tests

Determination of stone absorbability at atmospheric pressure will be performed on the real sample. Participants will receive the object of proficiency testing in the form of six cubes (50x50x50±5 mm). To respect confidentiality and prevent the exchange of information between Participants, each object will be marked with an individual code assigned to each Participant taking part in the proficiency testing. Only the Organizer will know the code. All samples will be protected against damage.

8.5. Time schedule of proficiency testing round

- deadline to send applications: 20th September 2019
- sample distribution date: 29th October 2019
- date of submitting results to the Organizer: 29th November 2019
- distribution of final report: 31st December 2019

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