**PETROLEUM PRODUCTS and GASES**

 **PROFICIENCY TESTS**

 **for 2021 (January – December)**

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| **BITUMEN** |
| **Proficiency Testing Scheme** | **Provisional Scope \*)** | **ID of PT** | **Sample dispatch date** |
| Bitumen | Tests from the Paving Grade EN12591 profile. | iis21F02 | 3 November 2021 |

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| **GASES** |
| **Proficiency Testing Scheme** | **Provisional Scope \*)** | **ID of PT** | **Sample dispatch date** |
| Natural Gas (Methane) | Methane, Ethane, Propane, iso-Butane, n-Butane, Carbon Dioxide, Nitrogen, Carbon content and Physical properties. | iis21S01M | 24 March 2021 |
| Liquefied Butane | Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, trans/cis-2-Butene, 1,3-Butadiene, n-Pentane, iso-Pentane and Physical properties. | iis21S02B | 26 May 2021 |
| Liquefied Propane | Ethane, Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, n-Pentane, iso-Pentane and Physical properties.  | iis21S03P | 22 September 2021  |
| Sulfur (total) in LPG | Total Sulfur in Liquefied Propane (LPG). | iis21S03S | 22 September 2021 |

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| **PETROLEUM PRODUCTS** |
| **Proficiency Testing Scheme** | **Provisional Scope \*)** | **ID of PT** | **Sample dispatch date** |
| Crude Oil | Total Acid Number, API gravity, BS&W, Density, Kinematic Viscosity at 40°C, Light Ends, Molecular Mass, Pour Point, Salt as Chloride, Sediment (Extraction method and Membrane filtration), Total Sulfur, Water, Simulated Distillation and Mercury. | iis21R01 | 13 October 2021 |
| Crude Oil Assay | Composition D2892 and D5236, Density, Sulfur, Nitrogen on all fractions and Water on original material only. On light and heavy Naphtha fraction: PIONA/PONA and Simulated Distillation.  | iis21R02 | 13 October 2021 |
| Gascondensate | Color Saybolt, Density, Distillation, Methanol, Total Mercury, Total Sulfur, Water and Simulated Distillation. | iis21R03 | 13 October 2021 |
| Naphtha | The regular sample (iis21N01) is available for:Organic Chlorides, Color Saybolt, Copper Corrosion, Density, Distillation, Mercaptan Sulfur and Sulfur. Separate samples can be ordered for:- Oxygenates, PIONA, PNA, DHA (iis21N01PIONA)- Mercury (iis21N01Hg)- Arsenic and Lead (iis21N01AsPb)- DVPE (iis21N01DVPE). | iis21N01 | 10 March 2021 |
| iis21N01PIONA | 10 March 2021 |
| iis21N01Hg | 10 March 2021 |
| iis21N01AsPb | 10 March 2021 |
| iis21N01DVPE | 10 March 2021 |

\*) To see the actual scopes of all previous PTs, you may be interested to download the available PT reports from the ‘News and Reports’ on iis website www.iisnl.com

**MISCELLANEOUS Registration Form**

Please use this form to enroll in the proficiency test (PT) program 2021 of the Institute for Interlaboratory Studies or use the electronic form at www.iisnl.com.

Please return this form to:
Institute for Interlaboratory Studies
Attention to ing. R.J. Starink
P.O. Box 200, 3200 AE Spijkenisse, The Netherlands
e-mail to: nl.iis@sgs.com (or fax to: +31 181 69 45 43)

**2021 program**

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| Tick to order participation | ID of PT | Sample dispatch date | Participation costs, excluded transport, etc. \*) | Tick to order Certificate of Performance  | Tick to order hard copy report \*\*) | Price, sub total |
|  |  |  | **each** | **set price** | **each €18** | **each €35** |  |
| ○ | iis21N01 | 10 March 2021 | € 330 | € 425 or€ 520 or€ 615 or € 700  | ○ | ○ |  |
| ○ | iis21N01PIONA | 10 March 2021 | € 330 | ○ |
| ○ | iis21N01Hg | 10 March 2021 | € 330 | ○ |
| ○ | iis21N01AsPb | 10 March 2021 | € 330 | ○ |
| ○ | iis21N01DVPE | 10 March 2021 | € 330 | ○ |
| ○ | iis21S01M | 24 March 2021 | € 1055 |  | ○ | ○ |  |
| ○ | iis21S02B | 26 May 2021 | € 1525 |  | ○ | ○ |  |
| ○ | iis21S03P | 22 September 2021 | € 1525 | € 2350 | ○ | ○ |  |
| ○ | iis21S03S | 22 September 2021 | € 1525 | ○ |
| ○ | iis21R01 | 13 October 2021 | € 330 |  | ○ | ○ |  |
| ○ | iis21R02 | 13 October 2021 | € 590 |  | ○ | ○ |  |
| ○ | iis21R03 | 13 October 2021 | € 330 |  | ○ | ○ |  |
| ○ | iis21F02 | 3 November 2021 | € 330 |  | ○ | ○ |  |

\*) Besides transport costs, other costs may be applicable, see form ‘Overview of Costs”. All prices are in Euro and excluding VAT.

\*\*) PT report will be sent by email only. If you would like to receive a hard copy report please order the report timely. Hard copy PT report will be send by courier (send costs € 95).

The undersigned agrees with the corresponding fees (see costs overview in separate form) and our General Terms and Conditions (documents available on request or via www.iisnl.com).

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| Lab code (when available): |   | Date: |   |
| Company name:  |   | City and Country:  |   |
| Name of contact person: Mr. / Mrs. |   | Name of authorized manager: Mr. / Mrs. |   |

Please complete also the contact, delivery and invoice details on the “Contact Details” form.