**BITUMEN, PETROLEUM PRODUCTS & GASES PROFICIENCY TESTS**

**(August 2018 – December 2019)**

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| **Proficiency testing Scheme** | **Provisional Scope \*)** | **ID of PT** |
| Bitumen | Tests from the Paving Grade EN12591 profile and other tests. | iis18F02, iis19F02 |
| Crude Oil | Acid Number, API gravity, BSW, Density, Kinematic Viscosity, Light Ends, Mercury, Molecular Mass, Pour Point, Salt as NaCl, Sediment (D473 & D4807), Sulphur, Water and Simdist. Additional sample for Hg. | iis18R01, iis19R01 |
| Crude Oil Assay | Composition D2892 and D5236, Density, Nitrogen and Sulphur on all fractions. On light and heavy naphtha fraction: PIONA/PONA and Simdist.  | iis19R02  |
| Gascondensate | Color Saybolt, Density, Distillation, Mercury, Methanol, Sulphur, Water and Simdist. | iis18R02, iis19R03 |
| Naphtha | The main sample is for tests: Color Saybolt, Copper Corrosion, Density, Distillation, Mercaptan Sulphur, Organic Chloride and Sulphur. Additional sample for individual Oxygenates and PIONA. Separate samples are available for Mercury (iis19N01Hg), Arsenic / Lead (iis19N01AsPb) and DVPE (iis19N01DVPE). | iis19N01, iis19N01Hg, iis19N01AsPb, iis19N01DVPE  |
| Natural Gas (Methane) | Methane, Ethane, Propane, iso-Butane, n-Butane, Carbon dioxide, Nitrogen, Carbon content and Physical properties. | iis19S01M |
| Liquefied Butane | Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, trans/cis-Butene, 1,3-Butadiene, iso-Pentane and Physical properties. | iis19S02B  |
| Liquefied Propane | Ethane, Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, n-Pentane and Physical properties.  | iis18S03P, iis19S03P |
| Liquefied Propane | Low Sulphur  | iis18S03S, iis19S03S |

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

**BITUMEN, PETROLEUM PRODUCTS & GASES PT STARTING DATES**

**(August 2018 – December 2019)**

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| --- | --- | --- | --- | --- | --- | --- |
| Tick to order participation | ID of PT | Sample dispatch date | Participation costs, excl. transport, etc \*) | Costs Certificate of Performance | Tick to order certificate | Price, sub total |
| ○ | iis18S03P | 3 October 2018 | € 1460 | € 2200\*\*) | € 15 | ○ |  |
| ○ | iis18S03S | 3 October 2018 | € 1460 1) | € 15 | ○ |  |
| ○ | iis18R01 | 17 October 2018 | € 310 | € 15 | ○ |  |
| ○ | iis18R02 | 17 October 2018 | € 310 2) | € 15 | ○ |  |
| ○ | iis18F02 | 21 November 2018 | € 310 | € 15 | ○ |  |
| ○ | iis19N01 | 20 March 2019 | € 310 | € 400or € 490or€ 580 \*\*) | € 15 | ○ |  |
| ○ | iis19N01Hg | 20 March 2019 | € 310 | € 15 | ○ |  |
| ○ | iis19N01AsPb | 20 March 2019 | € 310 | € 15 | ○ |  |
| ○ | iis19N01DVPE | 20 March 2019 | € 310 | € 15 | ○ |  |
| ○ | iis19S01M | 3 April 2019 | € 960 | € 15 | ○ |  |
| ○ | iis19S02B | 29 May 2019 | € 1460 | € 15 | ○ |  |
| ○ | iis19S03P | 2 October 2019 | € 1460 | € 2200\*\*) | € 15 | ○ |  |
| ○ | iis19S03S | 2 October 2019 | € 1460 3) | € 15 | ○ |  |
| ○ | iis19R01 | 30 October 2019 | € 310 | € 15 | ○ |  |
| ○ | iis19R02 | 30 October 2019 | € 490 | € 15 | ○ |  |
| ○ | iis19R03 | 30 October 2019 | € 310 | € 15 | ○ |  |
| ○ | iis19F02 | 20 November 2019 | € 310 | € 15 | ○ |  |

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

**\*\*) Set price**

**1) Only applicable to the cylinder used for the Sulphur in LPG PT: When the cylinder is returned to iis before 9th of January 2019 the next invoice to come will be decreased with 200 euro. The return shipment of empty cylinders, including transport costs, is the responsibility of the client.**

**2) Due to lack of samples, participation in this PT may be limited.**

**3) Only applicable to the cylinder used for the Sulphur in LPG PT: When the cylinder is returned to iis before 8th of January 2020 the next invoice to come will be decreased with 200 euro. The return shipment of empty cylinders, including transport costs, is the responsibility of the client.**