



#### Instruction Sheets

# **Industrial PTP Industrial Proficiency Testing Program**

lgcstandards.com/AXIO

Issue No: 1

Issued: 28/05/2025





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#### GENERAL INFORMATION

#### Storage and handling

- All samples should be stored at ambient temperature
- Petroleum based materials should be kept tightly capped and stored under normal laboratory conditions. They're flammable and should be stored away from heat or flame. Do not freeze or expose to direct sunlight. Minimize exposure to moisture or high humidity. May be harmful if swallowed or inhaled and may cause irritation. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Use with adequate ventilation. Wash thoroughly after handling.

#### Sample Analysis

 Samples should be analysed by the normal method(s) used by your laboratory, under normal laboratory conditions

#### Confidentiality

 All information supplied by you shall be known only to persons involved in the operation of the PTP program and shall be treated as confidential.

#### **Reporting Results**

- All results should be submitted using PORTAL
- Please go to https://portal.lgcstandards.com
- Login using your Lab ID, username, and password.

If you need any help at all, please do not hesitate to contact our support team using the details below or your local LGC representative.

Tel: +44(0)161 762 2500 Email: <u>axiopt@lgcgroup.com</u>

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#### **PTP Samples:**

PTP-CS PTP-LA PTP-TI
PTP-TS PTP-CU PTP-SS

PTP-CO PTP-NI

#### Description:

10mm disk, 3mm disk, 10g chips



#### Test the PT material(s) of your choice using your routine method(s)







#### **Enter your test results into PORTAL**

Enter the unique sample code that you received with your samples

For each analyte, enter the analyst name, the method and the test result (4 decimal places), and click the 'Save Changes' button

Confirm that you want to submit your results (no further edit can be made)

Instantly view and download your assessment report

Start a new On-Demand PT submission		Enter your unique s	- Enter	
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Are you sure your want to enter results for new sample without saving?

No, take me back

Yes, I am sure



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PTP Samples:

PTP-AL PTP-CI PTP-ZN
PTP-SN PTP-MG PTP-PB

Description: 10mm disk, 10g chips





#### Test the PT material(s) of your choice using your routine method(s)





#### **Enter your test results into PORTAL**

Enter the unique sample code that you received with your samples

For each analyte, enter the analyst name, the method and the test result (4 decimal places), and click the 'Save Changes' button

Confirm that you want to submit your results (no further edit can be made)

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PTP Sample:

VHG-VPTPVISC-50

Description

1 x 50mL of test sample



#### Viscosity at 40°C and/or 100°C

Analyse the sample for kinematic viscosity at 40°C and/or 100°C



#### Enter your test results (cSt) into PORTAL

Enter the unique sample code that you received with your samples

Start a new On-Demand PT submission Enter your unique sample code

For each analyte, enter the analyst name, the method and the test result, and click the 'Save Changes' button

Confirm that you want to submit your results (no further edit can be made)

Are you sure your want to enter results for new sample without saving?

No, take me back

Yes, I am sure

Instantly view and download your assessment report



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Start a new On-Demand PT submission



PTP Sample:

VHG-VPTPPC-125

Description

1 x 125mL of test sample



#### Particle count

Analyse the cumulative number of particles per mL for particle diameters >4µm, >6µm, >8µm, >14µm, >21µm, >38µm, >50µm and >70µm



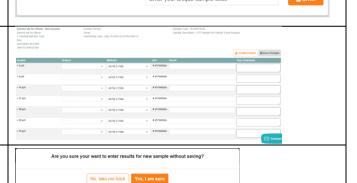
#### Enter your test results (# of particles) into PORTAL

Enter the unique sample code that you received with your samples

For each analyte, enter the analyst name, the method and the test result, and click the 'Save Changes' button

Confirm that you want to submit your results (no further edit can be made)

Instantly view and download your assessment report



Enter your unique sample code

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PTP Sample:

VHG-PTPSDSL-25

Description

1X 25g of #2 Diesel Fuel



#### Sulfur

Analyse the sample for ultra-low sulfur (S)



#### Enter your test results (mg/kg) into PORTAL

code that you received with your samples

For each analyte, enter the analyst name, the method and the test result, and click the 'Save Changes' button

Enter the unique sample

Confirm that you want to submit your results (no further edit can be made)

Instantly view and download your assessment report



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PTP Sample:

VHG-VPTPMO-25G

Description

 1X 25g of 75 cSt. hydrocarbon oil



#### Elemental analysis

Analyse the sample for up to 23 common elements by ICP-OES (ASTM D5185) or RDE-AES (ASTM D6595)





#### Enter your test results (µg/g) into PORTAL

Enter the unique sample code that you received with your samples

Start a new On-Demand PT submission

Enter your unique sample code



For each analyte, enter the analyst name, the method and the test result, and click the 'Save Changes' button

Confirm that you want to submit your results (no further edit can be made)

Are you sure your want to enter results for new sample without saving?

No, take me back

Yes, I am sure

Instantly view and download your assessment report

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