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برنامه‌های آزمون کفایت تخصصی (PT) محصولات نفت و پتروشیمی



iis



برنامه‌های آزمون مهارت مواد شیمیایی (Chemicals Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
13 Nov 2024	Acidity, Appearance, Copper, Density, Electrical Conductivity, Nonvolatile matter, Nitrogen, pHe, Phosphorus, Water (Coulometric and Volumetric), Purity and impurities, Gum (solvent washed), Inorganic Chloride, Sulfate and Sulfur.	Ethanol (Bio / Fuel grade)	iis24C11
13 Nov 2024	Appearance, Density, Nonvolatile matter, Permanganate Time Test, pHe, Strength (%V/V and %M/M), Water, UV absorbance, Purity and impurities.	Ethanol (Food / Neutral grade)	iis24C12
1 May 2024	Tests from the ISO22241-1 profile and other tests.	AdBlue (32% Urea solution)	iis24G05
14 Feb 2024	Tests from the ASTM D2359 profile and other tests.	Benzene	iis24C01
21 Aug 2024	The regular sample (iis24C04) is for tests from the IMPCA profile and other tests. A separate sample (iis24C04UV) can be ordered for UV Absorbance (iis21C10UV).	Methanol	iis24C04 iis24C04UV
18 Sep 2024	Acidity, Aldehydes, Appearance, Ash content, Inorganic Chloride, Color Pt/Co, Density, Diethylene Glycol, Distillation, Miscibility with water, Purity, Specific Gravity, Water, UV Transmittance and Iron.	Mono Ethylene glycol (MEG polyester grade)	iis24C10
4 Sep 2024	Tests from the ASTM D2827 profile and other tests.	Styrene	iis24C07
14 Feb 2024	Tests from the ASTM D841 profile and other tests.	Toluene	iis24C02
10 Jan 2024	Tests from the ASTM D2190 profile and other tests.	Vinyl Acetate Monomer (VAM)	iis24K01
4 Sep 2024	Tests from the ASTM D5136 and D5471 profile and other tests.	Xylene (Ortho- / Para-)	iis24C09
10 jan 2024	Acidity, Appearance, Color Pt/Co, Density, Inhibitor, Water, Purity and Impurities.	Methyl metacrylate (MMA)	iis24K04
21 Aug 2024	Alkalinity, Density, Iron, Sodium Chlorate, Sodium Chloride and Sodium Sulfate (a high and low salt sample will be sent).	Caustic Soda	iis24C06
14 Feb 2024	Acid Wash Color, Appearance, Color Pt/Co, Density, Distillation, Freezing Point, Purity, Benzene, n-Hexane, Methylcyclohexane, Methylcyclopentane, Refractive Index and Sulfur.	Cyclohexane	iis24C03



برنامه‌های آزمون مهارت سوخت‌ها (Fuels Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
6 Nov 2024	The regular sample (iis24G08) is for tests from the ISO8217 profile and other tests. Separate sample can be ordered for: - Metals (iis24G08M)	Vacuum Gasoil (VGO)	iis24G08 iis24G08M
12 Jun 2024	The regular sample (iis24F01) is for tests from the ISO8217 and ASTM D396 profiles and other tests. Separate sample can be ordered for: - Metals (iis24F01M) - Chemical Species ASTM D7845 (iis24F01P)	Fuel Oil	iis24F01 iis24F01M iis24F01P
20 Nov 2024	The regular sample (iis24F03) is for tests from the ISO8217 and ASTM D396 profiles and other tests. Separate samples can be ordered for: - Metals (iis24F03M) - Bromine Number and P-value, P-ratio and Separability number (iis24F03Br) - Compatibility in accordance to ASTM D4740 (iis24F03C)	Fuel Oil	iis24F03 iis24F03M iis24F03Br iis24F03C
1 May 2024	Tests from the ISO22241-1 profile and other tests.	AdBlue (32% Urea solution)	iis24G05
10 Apr 2024	The regular sample (iis24G03) is for tests from the EN14214 and ASTM D6751 profiles and other tests. Separate samples can be ordered for: - Metals (iis24G03M) - Total Contamination (iis24G03TC) - Cold Soak Test / Filter Blocking Tendency (iis24G03CST).	Biodiesel B100	iis24G03 iis24G03M iis24G03TC iis24G03CST
25 Sep 2024	The regular sample (iis24G07) is for tests from the EN14214 and ASTM D6751 profiles and other tests. Separate samples can be ordered for: - Cetane Number (Engine-test) and Derived Cetane Number (iis24G07CN) - Metals (iis24G07M) - Total Contamination (iis24G07TC)	Biodiesel B100	iis24G07 iis24G07CN iis24G07M iis24G07TC
1 May 2024	The regular sample (iis24G04) is for tests from the EN16734 and ASTM D7467 profiles and other tests. Separate sample can be ordered for: - Total Contamination (iis24G04TC)	Diesel B10 (10% FAME)	iis24G04 iis24G04TC
28 Aug 2024	The regular sample (iis24G06ASTM) is for tests from the ASTM D975 profile and other tests. Separate samples can be ordered for: - Cetane Number (Engine-test) and Derived Cetane Number (iis24G06CN) - Total Contamination (iis24G06TC) - Oxidation Stability (iis24G06OX)	Gasoil - ASTM (winter)	iis24G06ASTM iis24G06CN iis24G06TC iis24G06OX
17 Jan 2024	The regular sample (iis24G01EN) is for tests from the EN590 profile and other tests. Separate samples can be ordered for: - Cetane Number (Engine-test) and Derived Cetane Number (iis24G01CN) - Total Contamination (iis24G01TC) - Oxidation Stability (iis24G01OX)	Gasoil - EN (summer)	iis24G01EN iis24G01CN iis24G01TC iis24G01OX



برنامه‌های آزمون مهارت سوخت‌ها (Fuels Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
29 May 2024	The regular sample (iis24B04) is for tests from the EN228 profile and ASTM D4814 profile and other tests. Separate samples can be ordered for: - TVP / DVPE (iis24B04DVPE) - RON / MON (iis24B04RON)	Biogasoline E10	iis24B04 iis24B04DVPE iis24B04RON
21 Feb 2024	The regular sample (iis24B01ASTM) is for tests from the ASTM D4814 profile and other tests. Separate samples can be ordered for: - TVP / DVPE (iis24B01DVPE) - RON / MON (iis24B01RON)	Gasoline - ASTM (summer)	iis24B01ASTM iis24B01DVPE iis24B01RON
11 Sep 2024	The regular sample (iis24B06EN) is for tests from the EN228 profile and other tests. Separate samples can be ordered for: - ASVP / DVPE (iis24B06DVPE) - RON / MON (iis24B06RON) - RON 91 (iis24B06R91)	Gasoline - EN (winter)	iis24B06EN iis24B06DVPE iis24B06RON iis24B06R91
17 Apr 2024	The regular sample (iis24B03) is for tests from the EN228 profile and ASTM D4814 profile and other tests. Separate samples can be ordered for: - ASVP / DVPE (iis24B03DVPE) - RON / MON (iis24B03RON)	Gasoline (premium)	iis24B03 iis24B03DVPE iis24B03RON
31 Jan 2024	The regular sample (iis24J01) is for tests from the DEF STAN 91-091 and Joint Fuelling System Check List and other tests. Separate sample can be ordered for: - Particle Size Distribution (iis24J01PS)	Jet Fuel A1	iis24J01 iis24J01PS
14 Aug 2024	The regular sample (iis24J02) is for tests from the DEF STAN 91-091 and Joint Fuelling System Check List and other tests. Separate samples can be ordered for: - BOCLE (iis24J02BOCLE) - Particle Size Distribution (iis24J02PS) - FAME (iis24J02FAME) - JFTOT (iis24J02JF) - Particulate Contamination (iis24J02CP)	Jet Fuel A1	iis24J02 iis24J02BOCLE iis24J02PS iis24J02FAME iis24J02JF iis24J02CP
20 Mar 2024	The regular sample (iis24G02) is for tests from the EN590 profile and other tests. Separate sample can be ordered for: - Total Contamination (iis24G02TC)	Gasoil (premium)	iis24G02 iis24G02TC
19 Jun 2024	Test from the EN15940 profile and other tests.	Hydrotreated Vegetable Oil (HVO100)	iis24G09
27 Mar 2024	Tests from the ASTM D910 and Def Stan 91-090 profiles.	Aviation Gasoline	iis24B02
29 May 2024	Tests from the ASTM D5798 and EN15293 profile and other tests.	Biogasoline E85	iis24B05



برنامه‌های آزمون مهارت روان‌کننده‌ها و روغن‌ها (Lubricants and Oils Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
24 Apr 2024	Total Acid Number, Air Release time, Color ASTM, Conradson and Ramsbottom Carbon Residue, Density, Evaporation loss by Noack, Flash Point C.O.C., Kinematic Viscosity (40 and 100°C), Viscosity Index, Kinematic Viscosity Stabinger (40 and 100°C), Pour Point, Rust Prevention, Sulfur, Water and Water Separability.	Base Oil	iis24L03
15 May 2024	Total Acid Number, Base Number, Color ASTM, Conradson and Ramsbottom Carbon Residue, Density, Evaporation loss by Noack, Flash Point (C.O.C. and PMcc), Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Viscosity Stabinger (40 and 100°C), Viscosity Apparent (CCS), Viscosity HTHS, Nitrogen, Pour Point, Sulfated Ash, Sulfur, Water and some elements (Ca, P and Zn).	Engine Oil (fresh)	iis24L07
15 May 2024	The regular sample is available for: Total Acid Number, Base Number, Density, Flash Point PMcc, Fuel Dilution, Kinematic Viscosity (40 and 100°C), Viscosity Index, Kinematic Viscosity Houillon and Water. A separate sample is available for metal analysis only (23 elements).	Engine Oil (used)	iis24L08 iis24L08M
6 Mar 2024	Total Acid Number, Copper Corrosion, Density, Flash Point (C.O.C. and PMcc), Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Pour Point, Rust Prevention, Sulfur, Water, Water Separability and some elements (Ca, P and Zn).	Gear Oil (fresh)	iis24L01
6 Mar 2024	Total Acid Number, Density, Flash Point PMcc, Kinematic Viscosity (40 and 100°C), Viscosity Index, Membrane Filtration, Water and over 20 elements.	Gear Oil (used)	iis24L02
2 Oct 2024	Total Acid Number, Copper Corrosion, Density, Flash Point PMcc, Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Viscosity Stabinger (40 and 100°C), Pour Point, Sulfur, Water, Water Separability and some elements (Ca, P and Zn).	Hydraulic Oil (fresh)	iis24L09
2 Oct 2024	The regular sample is available for: Total Acid Number, Density, Flash Point PMcc, Kinematic Viscosity (40 and 100°C), Viscosity Stabinger (40 and 100°C), Sulfur and Water. A separate sample is available for metal analysis only (23 elements).	Hydraulic Oil (used)	iis24L10 iis24L10M
30 Oct 2024	Individual congeners Polychlorinated Biphenyls, Aroclors and Total Organohalogenic Compounds (TOX) as Cl.	PCBs in Mineral Oil	iis24L13
30 Oct 2024	Tests from the IEC60296 and ASTM D3487 profiles and other tests: Total Acidity, Appearance, Breakdown Voltage, Color ASTM, Density, Di-electric Dissipation Factor, Specific Resistance, Flash Point (C.O.C. and PMcc), Interfacial Surface Tension, Kinematic Viscosity at 40°C, Water and some additives.	Transformer Oil (fresh)	iis24L11



برنامه‌های آزمون مهارت روان‌کننده‌ها و روغن‌ها (Lubricants and Oils Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
30 Oct 2024	The regular sample is available for: tests from the IEC60296 and ASTM D3487 profiles and other tests: Total Acidity, Breakdown Voltage, Density, Di-electric Dissipation factor, Specific Resistance, Flash Point (C.O.C. and PMcc), Interfacial Surface Tension, Kinematic Viscosity at 40°C and Water. A separate sample is available for Furanic analysis only.	Transformer Oil (used)	iis24L12 iis24L12F
30 Oct 2024	Dissolved gas analysis. Syringe of 50 mL.	Transformer Oil DGA	iis24L14
24 Apr 2024	Total Acid Number, Air Release time, Density, Flash Point C.O.C., Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Pour Point, Sulfur, Water, Water Separability and some elements (Ca, P and Zn).	Turbine Oil (fresh)	iis24L04
24 Apr 2024	Total Acid Number, Color ASTM, Density, Flash Point C.O.C., Insoluble Color Bodies, Kinematic Viscosity (40 and 100°C), Viscosity Index, Oxidation Stability, Water and Water Separability.	Turbine Oil (used)	iis24L05
15 May 2024	This PT is a lubricant sample specially prepared for the determination of Level of Contamination according to ASTM D7647	Level of Contamination in Lubricants	iis24L15



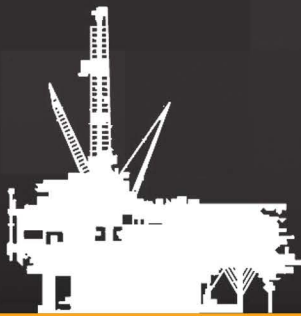


برنامه‌های آزمون مهارت گازها (Gases Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
24 Jan 2024	Tests from the EN15984 profile.	Refinery Gas	iis24S01R
27 Mar 2024	Methane, Ethane, Propane, iso-Butane, n-Butane, Carbon Dioxide, Nitrogen, Carbon content and Physical properties.	Natural Gas (Methane)	iis24S02M
5 Jun 2024	Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, trans/cis-2-Butene, 1,3-Butadiene, n-Pentane, iso-Pentane and Physical properties.	Liquefied Butane	iis24S03B
16 Oct 2024	Ethane, Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, n-Pentane, iso-Pentane and Physical properties.	Liquefied Propane	iis24S04P
16 Oct 2024	Total Sulfur in Liquefied Propane (LPG).	Sulfur (total) in LPG	iis24S04S





برنامه‌های آزمون مهارت قیر و محصولات نفتی (Bitumen and Petroleum Products Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
6 Nov 2024	Tests from the Paving Grade EN12591 profile.	Bitumen	iis24F02
9 Oct 2024	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. A separate sample for Total Mercury only.	Crude Oil	iis24R01 iis24R01Hg
9 Oct 2024	Color Saybolt, Density, Distillation, Methanol, Total Mercury, Total Sulfur, Water.	Gascondensate	iis24R02
13 Mar 2024	The regular sample (iis24N01) is available for: Organic Chlorides, Color Saybolt, Copper Corrosion, Density, Distillation, Mercaptan Sulfur and Sulfur. Separate samples can be ordered for: - Mercury (iis24N01Hg) - Arsenic and Lead (iis24N01AsPb) - DVPE (iis24N01DVPE)	Naphtha	iis24N01 iis24N01Hg iis24N01AsPb iis24N01DVPE
13 Mar 2024	A separate PT for Oxygenates, PIONA, PNA, DHA analyzes.	Naphtha P(IO)NA	iis24N02



Proficiency Testing Programs for Oil, Petroleum & Petrochemical Products

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