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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
15 Nov 2023	Acidity, Appearance, Copper, Density, Electrical Conductivity, Inorganic Chloride, Nonvolatile matter, Nitrogen, pHe, Phosphorus, Sulfate, Sulfur, Water, Purity and Impurities .	Ethanol (Bio / Fuel grade)	iis23C11
15 Nov 2023	Density, Nonvolatile Matter, Permanganate Time Test, pHe, Strength (%V/V and %M/M), Water, UV absorbance, Purity and Impurities.	Ethanol (Food / Neutral grade)	iis23C12
3 May 2023	Tests from the ISO22241-1 profile and other tests.	AdBlue (32% Urea solution)	iis23G05
1 Feb 2023	Tests from the ASTM D2359 profile and other tests.	Benzene	iis23C01
23 Aug 2023	The regular sample (iis21C10) is for tests from the IMPCA profile and other tests. A separate sample can be ordered for UV Absorbance (iis21C10UV).	Methanol	iis23C04 iis23C04UV
20 Sep 2023	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)	iis23C10
6 Sep 2023	Tests from the ASTM D2827 profile and other tests.	Styrene	iis23C07
1 Feb 2023	Tests from the ASTM D841 profile and other tests.	Toluene	iis23C02
11 Jan 2023	Tests from the ASTM D2190 profile and other tests.	Vinyl Acetate Monomer (VAM)	iis23K01
23 Aug 2023	Tests from the ASTM D329 profile and other tests.	Acetone	iis23C05
15 Nov 2023	Acidity, Appearance, Inorganic Chloride, Color Pt/Co, Density, Distillation, Nonvolatile matter, Purity and impurities and Water.	Isopropanol (IPA)	iis23C13
6 Sep 2023	Benzene, Toluene, Ethylbenzene, p-/o-/m-Xylenes, iso-Propylbenzene and sum C9+Aromatics and Non-aromatics.	Xylenes (mixed-)	iis23C08
11 Jan 2023	Acetaldehyde, Appearance, Anorganic Chloride, Color Pt/Co, Density, Formic Acid, Freezing Point, Iron as Fe, Nonvolatile matter, Purity and Water.	Acetic Acid	iis23K02
21 Jun 2023	Acidity, Appearance, Color Pt/Co, Density, Inhibitor, Purity and impurities and Water.	n-Butylacrylate	iis23K05
11 Jan 2023	Appearance, Carbonyls, Density, Refractive Index, Water, Purity and impurities.	Methyl- tert-Butylether (MTBE)	iis23K03
20 Sep 2023	Acidity, Appearance, Inorganic Chloride, Color Pt/Co, Density, Distillation, Iron, Purity, Dipropylene glycol, Specific Gravity and Water.	Mono Propylene glycol (MPG)	iis23K06





برنامه‌های آزمون مهارت سوخت‌ها (Fuels Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
8 Nov 2023	The regular sample (iis23G08) is for tests from the ISO8217 profile and other tests. Separate sample can be ordered for: - Metals (iis23G08M)	Vacuum Gasoil (VGO)	iis23G08 iis23G08M
14 Jun 2023	The regular sample (iis23F01) is for tests from the ISO8217 and ASTM D396 profiles and other tests. Separate sample can be ordered for Metals (iis23F01M).	Fuel Oil	iis23F01 iis23F01M
22 Nov 2023	The regular sample (iis23F03) is for tests from the ISO8217 and ASTM D396 profiles and other tests. Separate samples can be ordered for: - Metals (iis23F03M), - Bromine Number and p-Value (iis23F03Br) and - Compatibility in accordance to ASTM D4740 (iis23F03C).	Fuel Oil	iis23F03 iis23F03M iis23F03Br iis23F03C
3 May 2023	Tests from the ISO22241-1 profile and other tests.	AdBlue (32% Urea solution)	iis23G05
29 Mar 2023	The regular sample (iis23G03) is for tests from the EN14214 and ASTM D6751 profiles and other tests. Separate samples can be ordered for: - Metals (iis23G03M), - Total Contamination (iis23G03TC) and - Cold Soak Test / Filter Blocking Tendency (iis23G03CST).	Biodiesel B100	iis23G03 iis23G03M iis23G03TC iis23G03CST
4 Oct 2023	The regular sample (iis23G07) 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 (iis23G07CN), - Metals (iis23G07M) and - Total Contamination (iis23G07TC).	Biodiesel B100	iis23G07 iis23G07CN iis23G07M iis23G07TC
3 May 2023	The regular sample (iis23G04) is for tests from the EN590 and ASTM D7467 profiles and other tests. Separate sample can be ordered for Total Contamination (iis23G04TC).	Diesel B10 (10% FAME)	iis23G04 iis23G04TC
30 Aug 2023	The regular sample (iis23G06ASTM) 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 (iis23G06CN), - Total Contamination (iis23G06TC) and - Oxidation Stability (iis23G06OX).	Gasoil - ASTM (winter)	iis23G06ASTM iis23G06CN iis23G06TC iis23G06OX
18 Jan 2023	The regular sample (iis23G01EN) is for tests from the EN590 profile and other tests. Separate samples can be ordered for: - Cetane Number (Engine-test) and Derived Cetane Number (iis23G01CN), - Total Contamination (iis23G01TC) and - Oxidation Stability (iis23G01OX).	Gasoil - EN (summer)	iis23G01EN iis23G01CN iis23G01TC iis23G01OX



برنامه‌های آزمون مهارت سوخت‌ها (Fuels Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
24 May 2023	The regular sample (iis23B04) is for tests from the EN228 profile and ASTM D4814 profile and other tests. Separate samples can be ordered for: - TVP / DVPE (iis23B04DVPE) and - RON / MON (iis23B04RON).	Biogasoline E10	iis23B04 iis23B04DVPE iis23B04RON
8 Feb 2023	The regular sample (iis23B01ASTM) is for tests from the ASTM D4814 profile and other tests. Separate samples can be ordered for: - TVP / DVPE (iis23B01DVPE) and - RON / MON (iis23B01RON).	Gasoline - ASTM (summer)	iis23B01ASTM iis23B01DVPE iis23B01RON
13 Sep 2023	The regular sample (iis23B06EN) is for tests from the EN228 profile and other tests. Separate samples can be ordered for: - ASVP / DVPE (iis23B06DVPE) and - RON / MON (iis23B06RON) and - RON 91 (iis23B06R91).	Gasoline - EN (winter)	iis23B06EN iis23B06DVPE iis23B06RON iis23B06R91
5 Apr 2023	The regular sample (iis23B03) is for tests from the EN228 profile and ASTM D4814 profile and other tests. Separate samples can be ordered for: - ASVP / DVPE (iis23B03DVPE) and - RON / MON (iis23B03RON).	Gasoline (premium)	iis23B03 iis23B03DVPE iis23B03RON
22 Feb 2023	The regular sample (iis22J01) 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 (iis22J01PS).	Jet Fuel A1	iis23J01 iis23J01PS
16 Aug 2023	The regular sample (iis23J02) 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 (iis23J02BOCLE), - Particle Size Distribution (iis23J02PS), - FAME (iis23J02FAME), - JFTOT (iis23J02JF) and - Particulate Contamination (iis23J02CP).	Jet Fuel A1	iis23J02 iis23J02BOCLE iis23J02PS iis23J02FAME iis23J02JF iis23J02CP
15 Mar 2023	The regular sample (iis23G02) is for tests from the EN590 profile and other tests. Separate samples can be ordered for: - Cetane Number (Engine-test) and Derived Cetane Number (iis23G02CN) and - Total Contamination (iis23G02TC).	Gasoil (premium)	iis23G02 iis23G02CN iis23G02TC
21 Jun 2023	Test from the EN15940 profile and other tests.	HVO100	iis23G09



برنامه‌های آزمون مهارت روان‌کننده‌ها و روغن‌ها (Lubricants and Oils Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
19 Apr 2023	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, Viscosity Stabinger (40 and 100°C), Pour Point, Rust Prevention, Sulfur, Water and Water Separability.	Base Oil	iis23L03
10 May 2023	Total Acid Number, Base Number, Color ASTM, Conradson and Ramsbottom Carbon Residue, Density, Evaporation loss by Noack, Flash Point C.O.C., Foaming Characteristics, Kinematic Viscosity (40 and 100°C), Viscosity Index, Viscosity Stabinger (40 and 100°C), Viscosity Apparent (CSS), Viscosity HTHS, Nitrogen, Pour Point, Sulfated Ash, Sulfur, Water and some elements (Ca, P and Zn).	Engine Oil (fresh)	iis23L07
10 May 2023	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 over 23 elements (iis23L08M).	Engine Oil (used)	iis23L08 iis23L08M
15 Feb 2023	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, Level of Contamination and some elements (Ca, P and Zn).	Gear Oil (fresh)	iis23L01
15 Feb 2023	Total Acid Number, Density, Flash Point PMcc, Kinematic Viscosity (40 and 100°C), Viscosity Index, Membrane Filtration, Water, Level of Contamination and over 20 elements.	Gear Oil (used)	iis23L02
19 Apr 2023	Tests from the specification ASTM D4950 profile and other tests: Cone Penetration, Copper Corrosion, Dropping Point, Extreme-Pressure Properties (four-ball method), Roll Stability Penetration Change and over 10 elements.	Grease	iis23L06
11 Oct 2023	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)	iis23L09
11 Oct 2023	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, Water and Level of Contamination. A separate sample is available for over 20 elements (iis23L10M).	Hydraulic Oil (used)	iis23L10 iis23L10M
1 Nov 2023	Individual congeners Polychlorinated Biphenyls, Aroclors and Total Organohalogenic Compounds (TOX) as Cl.	PCBs in Mineral Oil	iis23L13
1 Nov 2023	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)	iis23L11



برنامه‌های آزمون مهارت روان‌کننده‌ها و روغن‌ها (Lubricants and Oils Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
1 Nov 2023	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 components (iis23L12F).	Transformer Oil (used)	iis23L12 iis23L12F
1 Nov 2023	Dissolved gas analyses. Syringe of 50mL only.	Transformer Oil DGA	iis23L14
19 Apr 2023	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)	iis23L04
19 Apr 2023	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, Water Separability and Level of Contamination.	Turbine Oil (used)	iis23L05
10 May 2023	A special sample for Level of Contamination.	Level of Contamination in Lubricants	iis23L15



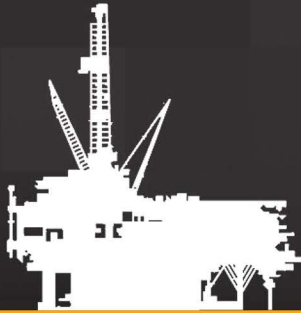


برنامه‌های آزمون مهارت گازها (Gases Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
26 Jan 2023	EN15984 composition	Refinery Gas	iis23S01R
22 Mar 2023	Methane, Ethane, Propane, iso-Butane, n-Butane, Carbon Dioxide, Nitrogen, Carbon content and Physical properties.	Natural Gas (Methane)	iis23S02M
7 Jun 2023	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	iis23S03B
27 Sep 2023	Ethane, Propane, Propene, iso-Butane, n-Butane, 1-Butene, iso-Butene, n-Pentane, iso-Pentane and Physical properties.	Liquefied Propane	iis23S04P
27 Sep 2023	Total Sulfur in Liquefied Propane (LPG).	Sulfur (total) in LPG	iis23S04S





برنامه‌های آزمون مهارت قیر و محصولات نفتی (Bitumen and Petroleum Products Proficiency Tests)			
تاریخ ارسال نمونه	آزمون‌های مورد نظر	نام برنامه	کد برنامه
8 Nov 2023	Tests from the Paving Grade EN12591 profile.	Bitumen	iis23F02
18 Oct 2023	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	iis23R01 iis23R01Hg
18 Oct 2023	Color Saybolt, Density, Distillation, Methanol, Total Mercury, Total Sulfur, Water and Simulated Distillation.	Gascondensate	iis21R02
18 Oct 2023	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.	Crude Oil Assay	iis23R03
8 Mar 2023	The regular sample (iis23N01) is available for: Organic Chlorides, Color Saybolt, Copper Corrosion, Density, Distillation, Mercaptan Sulfur and Sulfur. Separate samples can be ordered for: - Mercury (iis23N01Hg) - Arsenic and Lead (iis23N01AsPb) - DVPE (iis23N01DVPE).	Naphtha	iis23N01 iis23N01Hg iis23N01AsPb iis23N01DVPE
8 Mar 2023	A separate sample for Oxygenates, PIONA, PNA, DHA analyzes only	Naphtha PIONA/PNA	iis23N02



Proficiency Testing Programs for Oil, Petroleum & Petrochemical Products



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