

PROFICIENCY TESTING PROGRAM 2022

| Scheduled Month | Proficiency Testing Program Code | Testing method | Standards included in the proficiency testing program | Testing item |
|-----------------|----------------------------------|--|---|--------------------------------|
| JANUARY | QLS-EA01122 | Dielectric rigidity | NOM-001-SCFI-2018 (section 11.3 of NMX-I-60065-NYCE-2015, section 26 of NMX-I-60335-2-25-NYCE-2015) | Electronic device |
| FEBRUARY | QLS-EA01622 | Overload protection of transformers and associated circuits | Subsection 17 of: NMX-J-521/1-ANCE-2012; Subsection 16 of: NMX-J-524/1-ANCE-2013; Subsection 17 of: IEC 60335-1 Edition 5. | Electronic device |
| MARCH | QLS-EA01022 | Energy efficiency of household electric washing machines. | NOM-005-ENER-2016 (NMXJ-585-ANCE-2014; NMX-J-528-ANCE-2011) UNE EN 60456: 2016; IEC 60456: 2010; | Home appliance washing machine |
| APRIL | QLS-EA01522 | Determination of water content by Karl Fisher | NMX-J-123-ANCE-2009; ASTM D1533-12 | Insulating mineral oil |
| MAY | QLS-EA00422 | Leakage current and dielectric resistance at operating temperature. | Subsection 13 of: NMX-J-521/1-ANCE-2012; Subsection 13 of: IEC 60335-1 Edition 5; Section 6.3.6.2 of: NOM-022-ENER / SCFI-2014; Subsection 13 of: NMX-J-524/1-ANCE-2013; Subsection 13 of: IEC 60745-1 Edition 4; Subsection 13 of: NTC 2252; Subsection 13 of: NTC 2183; NTE INEN-IEC 60335-1; Item 13 of: NTC 2386 | Electronic device |
| JUNE | QLS-EA00222 | Protection against access to live parts | Section 8 of: NMX-J-521/1-ANCE-2012; Subsection 8 of: IEC 60335-1 Ed. 5; Section 9.1 of: NMX-J-524/1-ANCE-2013; Subsection 9 of: IEC 60745-1 Edition '4; | Electronic device |
| | QLS-EA03322 | Determination of cross-sectional area of electrical conductors in function of its mass | NMX-J-129-ANCE-2019; NTC 3203: 2020; UL 1581: 2014; INCISE 3.1, 3.2 and 3.3 of: UL 2556: 2015; NTE INEN 2 345: 2004; No. 013-2016-Produced; Section 3.2 of: NTC 5786: 2019. | Electric conductor |
| JULY | QLS-EA00722 | Heating | Section 11 of the: NMX-J-521/1-ANCE-2012; Clause 11 of: IEC 60335-1 Edition 5; Subsection 12 of: NMX-J-524/1-ANCE-2013; Item 12 of: IEC 60745-1 Edition 4; | Electronic device |
| | QLS-EA01122 | Dielectric rigidity | ASTM-D120-14a; ASTM-F496-20; ASTM-F479-06; IEC 60903: 2014; | Blankets/ gloves |
| AUGUST | QLS-EA03422 | Determination of energy efficiency, electrical characteristics power factor of a lamp | IES NA LM-79: 2008; IES NA LM-66: 2014; IES LM-9: 2009; IES LM-51: 2013; IES LM-45: 2009; IES LM- 79: 2008; Sections 6.1.1, 6.12 and 7.1.1, 7.1.2 of: ANSI C 82.2.2002; Subsection 9 of the: NMX-J-530-ANCE-2018; NOM-028-ENER-2017, Appendix A, C; Section 8.2 of: NOM-017-ENER-SCFI-2012; NOM-031-ENER-2019; NOM-064-SCFI-2000; Subsection 9 of: NTC 5109: 2002; Subsection 8 of: NTC 4359: 1997; Sections 3.2.4 and 5.3.2 of: NTC 189: 2010; NTC 5112: 2002 Annex B5; Section 6.10.2 of: NMXJ-230-ANCE-2011; Section 6.3.7 of: NMX-J-198-ANCE-2015; ANSI-ANSLG C82.11 2011, Annex C7.0; Clause 6.1 of: ANSI C82.6: 2005. | lamp |



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| SEPTEMBER | QLS-EA00122 | Determination of diameter and cross-sectional area of the electrical conductors. | NMX-J-066-ANCE-2017 Section 25.8 of the NMX-J-521/1-ANCE-2012; Section 25.8 of IEC 60335-1 Edition 5; Section 24.5 of the NMX-J-524/1-ANCE-2013. | Electric conductor |
| SEPTEMBER | QLS-EA00622 | Input Power and Current | Subsection 10 of: NMX-J-521/1-ANCE-2012; Subsection 10 of: IEC 60335-1; Edition 5; Section 6.3.4 of: NOM-022-ENER / SCFI-2014; NTC 2183; NTE INEN-IEC 60335-1. | Electronic device |
| OCTOBER | QLS-EA04122 | Temperature rise test | Subsection 7.3.1 NMX-J-307-ANCE-2017; Subsection 17 of: IEC 60669-1; Subsection 9.8 of: IEC 60898-1: 2015; | Electronic device |
| NOVEMBER | QLS-EA03122 | Determination of the electrical resistance to direct current | Subsection 6.1 of: NMX-J-212-ANCE-2017 | Electric conductor |
| DECEMBER | QLS-EA01222 | Insulation resistance | NOM-001-SCFI-2018 (subsection 11.3 of the NMX-I-60065-NYCE-2015) IEC 60065; UL 60065; NOM-016-SCFI-1993. | Electronic device |

NOTES:

- Dates for proficiency testing programs are tentative.
- If there is not enough capacity for participating laboratories, the proficiency test can be postponed.
- Your participation will be confirmed once you send the registration form and proof of payment.

Any questions or comments we are at your service.



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If you have a test method in which you want to participate and we do not have it in our scope, let us know and we can do an intercomparison (Pilot proficiency test) to accredit it in the future

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