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Proficiency Testing (PT) Schedule

PT Round	PT Name	Testing Elements Covered	Note	Order Open Date	Status
20	SMK-2021D†	Element 18		08/12/2021	01/03/2022-02/24/2022
21	CIG-2022A	Elements 5, 6, 10, and 11		01/13/2022	02/24/2022-04/14/2022
22	CIG-2022B	Elements 7, 8, and 9		03/31/2022	05/12/2022-06/30/2022
23	CIG-2022C	Elements 12, 13, and 15		06/02/2022	07/14/2022-09/08/2022
24	SMK-2022D	Elements 17 and 18		08/25/2022	10/06/2022-12/01/2022
22	CIG-2023A	Elements 1 and 2		01/12/2023	02/23/2023-04/13/2023
23	CIG-2023B	Elements 3, 4, and 15		03/30/2023	05/11/2023-06/29/2023
24	CIG-2023C	Element 14		06/01/2023	07/13/2023-09/07/2023
25	SMK-2023D	Element 17 and 18		08/24/2023	10/05/2023-11/30/2023
26	CIG-2024A	Elements 5, 6, 10, and 11		01/11/2024	02/22/2024-04/11/2024
27	CIG-2024B	Elements 7, 8, and 9		03/28/2024	05/09/2024-06/27/2024
28	CIG-2024C	Elements 12, 13, and 15		06/06/2024	07/11/2024-09/05/2024
29	SMK-2024D	Elements 17 and 18		08/22/2024	10/03/2024-11/28/2024
30	CIG-2025A	Elements 1, 2 and 16		01/09/2025	02/20/2025-04/10/2025
31	CIG-2025B	Elements 3, 4, and 15		03/27/2025	05/08/2025-06/26/2025
32	CIG-2025C	Element 14		05/29/2025	07/10/2025-09/04/2025
33	SMK-2025D	Elements 17 and 18		08/21/2025	10/02/2025-11/27/2025
34	CIG-2026A	Elements 5, 6, 10, and 11		01/08/2026	02/19/2026-04/09/2026
35	CIG-2026B	Elements 7, 8, and 9		03/26/2026	05/07/2026-06/25/2026
36	CIG-2026C	Elements 12, 13, and 15		06/04/2026	07/09/2026-09/03/2026
37	SMK-2026D	Element 17 and 18		08/20/2026	10/01/2026-11/26/2026

* CIG-2019A PT kit included analysis of the 1R6F certified reference cigarette, 1R5F cigarette, and CM8 cigarette.

† Data submission dates were adjusted to accommodate participants impacted by the COVID-19 pandemic.

For information about PT rounds prior to round 20, please contact ctrp@uky.edu.

Dates and Elements are subject to change, please check ctrp.uky.edu for the most up to date information about the PT schedule.

PT rounds for smokeless products (Elements 17 and 18) will test 3S3 (Moist Snuff) and 1S4 (Swedish Style Snus) in even years and 1S5 (Snus) and 3S1 (Loose Leaf Chewing Tobacco) in odd years.

Non-certified test material can be added to a round of PT for additional testing, the results of which will be scored for informative purposes only.

In 2025, CTRP anticipates adding the new certified reference cigars to the PT.

Proficiency Testing Elements and Parameter Groupings

Element	Testing Parameters
1 and 2*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (Tar (NFDPM), TPM, CO, nicotine, water, puff count)
3 and 4*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (TPM, puff count, NNN, NNK, NAT, NAB)
5 and 6*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (Benzo[a]pyrene, TPM, puff count)
7*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (TPM, puff count, NH ₃ in mainstream smoke)
8 and 9*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (TPM, puff count, acrylonitrile, isoprene, benzene, toluene, 1, 3 butadiene)
10 and 11*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (TPM, puff count, o-Toluidine, 2,6-dimethylaniline, o-anisidine, 4-aminobiphenyl, 1-aminonaphthalene, 2-aminonaphthalene, 3-aminobiphenyl)
12 and 13*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (formaldehyde, acetaldehyde, acetone, acrolein, propionaldehyde, crotonaldehyde, 2-butanone, n-butyraldehyde, TPM and puff count)
14*	Cigarette/Cigar filler (NH ₃ , As, Cd, total and free nicotine, NNN, NNK, moisture content, and pH)
15	Physicals: Resistance to Draw (pressure drop open), Resistance to Draw (pressure drop closed), Filter Pressure Drop (fully encapsulated), Total Ventilation, Filter Ventilation, Tobacco Weight, Total Weight, Air Permeability, Firmness, Circumference, Total Length, Filter Plug Length, and Tipping Paper Length
16*	Non-intense (ISO 3308:2012 (1)) and Intense (ISO 20778:2018 (2)) smoking regime (hydrogen cyanide (HCN), oxides of nitrogen (NO _x), total particulate matter, and puff count)
17	Smokeless: Total Nicotine, Free Nicotine, NNK, NNN, NAT, NAB, pH, and Moisture.
18	Smokeless: Acetaldehyde, Crotonaldehyde, Formaldehyde, Benzo[a]pyrene, Cadmium, Arsenic, pH, and Moisture.

* Proficiency testing schedule 2023-08 was updated to reflect the use of ISO 3308 for Non-intense (formerly identified as ISO and ISO 20778 for Intense (formerly identified as Health Canada Intense)).

Note 1: Physical Parameters (Resistance to draw, total ventilation, tobacco weight, cigarette weight)

Note 2: Physical Parameters (Resistance to draw, total ventilation, tobacco weight, cigarette weight, pressure drop (closed), firmness, circumference, cigarette length, filter plug length, tipping paper length, and air permeability)

Note 3: The list of physical properties measured was revised beginning with CIG-2017B. Physical properties examined include: cigarette resistance to draw (pressure drop open), cigarette resistance to draw (pressure drop closed), filter pressure drop (fully encapsulated), total ventilation, filter ventilation, tobacco weight, cigarette weight, air permeability, firmness, circumference, cigarette length, filter plug length, and tipping paper length.

The list of elements was revised for CIG-2019A. Physical parameters were separated from other test parameters and will be tested once a year. ISO (updated to Non-intense using ISO 3308) and Health Canada Intense (updated to Intense using ISO 20778) smoking regimes were combined when testing parameters were identical. The list of PT rounds was revised for CIG-2025A to remove archived rounds of testing (CIG-2016A - CIG-2021C).