

**Chemical testing of Customs Samples for their correct identification & classification as per HS by state-of-art equipment at Central Revenues Control Laboratory (WCO/RCL),
New Delhi, India
(03.02.2025 to 07.02.2025)**

Day	Time	Item
Day-1		
Monday	09.30-10.30	Inaugural Session <ul style="list-style-type: none"> • Registration • Opening Ceremony
	10.30-11.00	Photo Session / Tea
	11.00 -12.15	CRCL & its laboratories and their role in HS Classification
	12.15-13.30	Structure of Harmonized System and Classification
	13.30-14.30	Lunch
	14.30-15.45	WCO Recommendations concerning the uniform interpretation and application of the HS. Use of the Customs Laboratory for their implementation
	15.45-16.00	Tea
	16.00-17.00	Role of WCO and its impact on the Customs community including their own Customs administration
	17.00-18.00	HS tools to assist laboratory users of HS
Day-2	Time	Item
Tuesday	09.30-10.45	Overview of banned amine (24) in Textile & leather and their hazardous Impact.
	10.45-11.00	Tea
	11.00 -12.15	Extraction of banned amine
	12.15-13.30	Instrumental test of banned amine by HPLC
	13.30-14.30	Lunch
	14.30 -15.45	Instrumental test of banned amine by LC-MS/MS
	15.45-16.00	Tea
	16.00 -17.00	Hands on training continue.....
	17.00-18.00	Identification of coating in textile by SEM-EDAX instrument
Day-3	Time	Item
Wednesday	09.30-10.45	Overview of petroleum product and solid fuels analysis
	10.45-11.00	Tea
	11.00 -12.15	Analysis of carbon chain (Hydrocarbon) by Density, R.I, Viscosity, FT-IR, FIA method and clay gel method.
	12.15-13.30	Hands on training continue.....

	13.30-14.30	Lunch
	14.30-15.45	Sulphur testing in petroleum product by XRF Instrument
	15.45-16.00	Tea
	16.00-17.00	Heavy metals analysis (Ni, Cr, Pd, Cd, AS) in petroleum by AAS and ICP-MS Instruments
	17.00-18.00	Hands on training continue.....
Day-4	Time	Item
Thursday	09.30-10.45	Use of ICP-MS, AAS and LC-MS/MS in classification of goods covered under chapter 1 to 24.
	10.45-11.00	Tea
	11.00 -12.15	90 Pesticides analysis in Fruit and fruit juices by LC-MS/MS
	12.15-13.30	Analysis of N-Hexane in Oil & Fats by Head Space GC-MS/MS
	13.30-14.30	Lunch
	14.30 -15.45	Determination of Trace Metal elements (As, Pb, Cd, Cu, Hg, & Sn) in Alcoholic beverages by ICP-MS
	15.45-16.00	Tea
	16.00-17.00	Quantification of Aflatoxins (B1, B2, G1&G2) in Chili powder, Nuts by LC-MS/MS
	17.00-18.00	Determination of Chlorinated Pesticides in wheat flour by GC-MS/MS
Day-5	Time	Item
Friday	09.30 -10.45	Overview of OES and XRD, XRF instruments and their application for HS classification
	10.45-11.00	Tea
	11.00-12.15	Identification of Grade in stainless steel by OES Instrument
	12.15-13.30	Purity of precious elements (gold, silver, and platinum) by gravimetric ICP-MS analysis
	13.30-14.30	Lunch
	14.30-15.45	Hands on training continue.....
	15.45-16.00	Tea
	16.00-18.00	<ul style="list-style-type: none"> • Evaluation and certificates. • Feed Back • Closing Ceremony
