

Instruction No. 29/2021-Customs

F.No. 401/98/2021-Cus-III
Government of India
Ministry of Finance, Department of Revenue
Central Board of Indirect Taxes & Customs

North Block, New Delhi
Dated the December 23rd, 2021

To,

All Principal Chief Commissioners/Chief Commissioners of Customs/Customs (Preventive),
All Principal Chief Commissioners/ Chief Commissioners of Customs & Central Tax,
All Principal Commissioners/ Commissioners of Customs/ Customs (Preventive),
All Principal Commissioners/ Commissioners of Customs & Central Tax

Subject: - Details of infrastructure available for testing of samples related to hazardous goods by Revenue Laboratories-reg.

Madam/Sir,

Reference is invited to Instruction No. 17/2020-Customs dated 10.08.2020 wherein CBIC had started a Special Drive on 11.08.2020 to dispose off unclaimed/uncleared/seized/confiscated cargo with a special focus on expeditious disposal of goods that are of hazardous or explosive in nature to prevent any damage to life and property that may arise. Vide letter No. 450/179/2017-Cus.IV dated 07.10.2021, the field formations have also been addressed to undertake a targeted exercise with respect to disposal of pending hazardous cargo in 90 days.

2. It is stated that CBIC is strictly monitoring the import and handling of hazardous goods which are subject to the provisions of Hazardous and other Wastes (Management & Transboundary Movement) Rules (HOWM), 2016.

3. Identification of hazardous goods is key to effective monitoring. Towards this objective, the Annexure-I & Annexure-II enclosed with this instruction provide details of infrastructure available in various CRCL laboratories for testing of samples as per Schedule-III (List of Hazardous Wastes) and Schedule II (List of waste constituents with their limits) of Hazardous and Other Wastes (Management and trans-boundary Movement) Rules, 2016.

4. Further, to optimize the utilization of such infrastructure, the relevant Custom House Laboratories are mapped with different Ports, as per Annexure A and B attached with Circular 46/2020-Cus (AS) dated 15.10.2020. The DG Systems has also enabled a 'CRCL module', in ICES with the objective of automating paperwork related to sampling, forwarding of test memos to CRCL and other Revenue Laboratories, and electronic receipt of test reports, by the Customs Officers (Instruction No. 14/2021-Customs dated 21.06.2021, refers in this regard)

Contd....

5. In view of the above, it is requested that the officers under your jurisdiction may be suitably sensitized with respect to the above facilities, as an aid in the proper monitoring of import of hazardous goods.

6. Difficulty, if any, may be brought to the notice of the Board.

7. Hindi version follows.

Encl: As above

Yours faithfully,

Manish
23/12/2021

(Manish Kumar Choudhary)

Under Secretary to the Government of India

CRCL Laboratories can test the following items mentioned in Schedule III of Hazardous waste rules 2016 :

SCHEDULE III Part-A

| Basel No. | Description of Hazardous Wastes | CRCL, New Delhi | CH Lab, Kolkata | CH Lab, Chennai | CH Lab, Kandla | NCH, Lab, Mumbai |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|----------------------|------------------------|
| (1) | (2) | | | | | |
| A1 | Metal and Metal bearing wastes | | | | | |
| A1010 | Metal wastes and waste consisting of alloys of any of the following but excluding such wastes specifically listed in Part B and Part D | | | | | |
| | - Antimony | Yes | Yes | Yes | Yes | Yes |
| | - Cadmium | Yes | Yes | Yes | Yes | Yes |
| | - Lead | Yes | Yes | Yes | Yes | Yes |
| | - Tellurium | Yes | Yes | Yes | Yes | Yes |
| A1020 | Waste having as constituents or contaminants, excluding metal wastes in massive form, any or the following: | | | | | |
| | - Antimony, antimony compounds | Yes | Yes | Yes | Yes | Yes |
| | - Cadmium, cadmium compounds | Yes | Yes | Yes | Yes | Yes |
| | - Lead, lead compounds | Yes | Yes | Yes | Yes | Yes |
| | - Tellurium, tellurium compounds | Yes | Yes | Yes | Yes | Yes |
| A1040 | Waste having metal carbonyls as constituents | NO | NO | NO | NO | NO |
| A1050 | Galvanic sludges | Yes | Yes | Yes | Yes | Yes |
| A1070 | Leaching residues from zinc processing, dust and sludges such as jarosite, hematite, etc. | NO | NO | NO | NO | NO |
| A1080 | Waste zinc residues not included in Part B, containing lead and cadmium in concentrations sufficient to exhibit hazard characteristics indicated in Part C | Yes | Yes | Yes | Yes | Yes |
| A1090 | Ashes from the incineration of insulated copper wire | Yes | Yes | Yes | Yes | Yes |
| A1100 | Dusts and residues from gas cleaning systems of copper smelters | Yes | Yes | Yes | Yes | Yes |
| A1120 | Waste sludges, excluding anode slimes, from electrolyte purification systems in copper electro refining and electro winning operations | Yes | Yes | Yes | Yes | Yes |
| A1140 | Waste cupric chloride and copper cyanide catalysts not in liquid form note the related entry in Schedule VI | Yes | Yes | Yes | Yes | Yes |
| A1150 | Precious metal ash from incineration of printed circuit boards not included in Part B | Yes | Yes | Yes | Yes | Yes |
| A1160 | Waste lead acid batteries, whole or crushed | Yes | Yes | Yes | Yes | Yes |
| A1170 | Unsorted waste batteries excluding mixtures of only Part B batteries. Waste batteries not specified in Part B containing constituents mentioned in Schedule II to an extent to render them hazardous | Yes | Yes | Yes | Yes | Yes |
| A2 | Wastes containing principally inorganic constituents, which may contain metals and organic materials | | | | | |
| A2010 | Glass waste from cathode-ray tubes and other activated glasses | Yes | Yes | Yes | Yes | Yes |
| A2030 | Waste catalysts but excluding such wastes specified in Part B | Yes | Yes | Yes | Yes | Yes |
| A3 | Wastes containing principally organic constituents, which may contain metals and inorganic materials | | | | | |
| A3010 | Waste from the production or processing of | Yes | Yes | Yes | Yes | Yes |

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| | | | | | | |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|
| | petroleum coke and bitumen | | | | | |
| A3020 | Waste mineral oils unfit for their originally intended use | Yes | | | | |
| A3050 | Wastes from production, formulation and use of resins, latex, plasticizers, glues or adhesives excluding such wastes specified in Part B (B4020) | Yes | NO | NO | NO | NO |
| A3120 | Fluff-light fraction from shredding | NO | NO | NO | NO | NO |
| A3130 | Waste organic phosphorus compounds | Yes | Yes | Yes | Yes | Yes |
| A4 | Wastes which may contain either inorganic or organic constituents | | | | | |
| A4010 | Wastes from the production, preparation and use of pharmaceutical products but excluding such waste specified in Part B | NO | NO | NO | NO | NO |
| A4040 | Wastes from the manufacture, formulation and use of wood-preserving chemicals (does not include wood treated with wood preserving chemicals) | Yes | Yes | Yes | Yes | Yes |
| A4070 | Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish excluding those specified in Part B (B4010) | Yes | Yes | Yes | Yes | Yes |
| A4100 | Wastes from industrial pollution control devices for cleaning of industrial off-gases but excluding such wastes specified in Part B | Yes | Yes | Yes | Yes | Yes |
| A4120 | Wastes that contain, consist of or are contaminated with peroxides. | NO | NO | NO | NO | NO |
| A4130 | Wastes packages and containers containing Schedule II constituents in concentration sufficient to exhibit Part C of Schedule III hazard characteristics. | NO | NO | NO | NO | NO |
| A4140 | Waste consisting of or containing off specification or outdated chemicals (unused within the period recommended by the manufacturer) corresponding to constituents mentioned in Schedule II and exhibiting Part C of Schedule III hazard characteristics. | NO | NO | NO | NO | NO |
| A4160 | Spent activated carbon not included in Part B, B2060 | Yes | NO | NO | NO | NO |

Yes = Facility Available

No = Facility Not Available

Annexure- II

SCHEDULE II

[See rule 3 (1) (17) (ii)]

List of waste constituents with concentration limits

Class A: Based on leachable concentration limits [Toxicity Characteristic Leaching Procedure (TCLP) or Soluble Threshold Limit Concentration (STLC)]

| Class | Constituents | Conc. in mg/l | CRCL, New Delhi | CH Lab, Kolkata | CH Lab, Chennai | CH Lab, Kandla | NCH, Lab, Mumbai |
|----------|------------------------------------------|---------------|-----------------|-----------------|-----------------|----------------|------------------|
| 1 | | | | | | | |
| A1 | Arsenic | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A2 | Barium | 100.0 | Yes | Yes | Yes | Yes | Yes |
| A3 | Cadmium | 1.0 | Yes | Yes | Yes | Yes | Yes |
| A4 | Chromium and/or Chromium (III) compounds | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A5 | Lead | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A6 | Manganese | 10.0 | Yes | Yes | Yes | Yes | Yes |
| A7 | Mercury | 0.2 | Yes | No | No | No | No |
| A8 | Selenium | 1.0 | Yes | Yes | Yes | Yes | Yes |
| A9 | Silver | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A10 | Ammonia | 50* | No | No | No | No | No |
| A11 | Cyanide | 20* | No | No | No | No | No |
| A12 | Nitrate (as nitrate-nitrogen) | 1000.0 | Yes | No | No | No | No |
| A13 | Sulphide (as H ₂ S) | 5.0 | No | No | No | No | No |
| A14 | 1,1-Dichloroethylene | 0.7 | Yes | Yes | Yes | Yes | Yes |
| A15 | 1,2-Dichloroethane | 0.5 | Yes | Yes | Yes | Yes | Yes |
| A16 | 1,4-Dichlorobenzene | 7.5 | Yes | Yes | Yes | Yes | Yes |
| A17 | 2,4,5-Trichlorophenol | 400.0 | Yes | Yes | Yes | Yes | Yes |
| A18 | 2,4,6-Trichlorophenol | 2.0 | Yes | Yes | Yes | Yes | Yes |
| A19 | 2,4-Dinitrotoluene | 0.13 | Yes | Yes | Yes | Yes | Yes |
| A20 | Benzene | 0.5 | Yes | Yes | Yes | Yes | Yes |
| A21 | Benzo (a) Pyrene | 0.001 | No | No | No | No | No |
| A22 | Bromodichloromethane | 6.0 | Yes | Yes | Yes | Yes | Yes |
| A23 | Bromoform | 10.0 | Yes | Yes | Yes | Yes | Yes |
| A24 | Carbon tetrachloride | 0.5 | Yes | Yes | Yes | Yes | Yes |
| A25 | Chlorobenzene | 100.0 | Yes | Yes | Yes | Yes | Yes |
| A26 | Chloroform | 6.0 | Yes | Yes | Yes | Yes | Yes |
| A27 | Cresol (ortho+ meta+ para) | 200.0 | Yes | Yes | Yes | Yes | Yes |
| A28 | Dibromochloromethane | 10.0 | Yes | Yes | Yes | Yes | Yes |
| A29 | Hexachlorobenzene | 0.13 | Yes | Yes | Yes | Yes | Yes |
| A30 | Hexachlorobutadiene | 0.5 | Yes | Yes | Yes | Yes | Yes |
| A31 | Hexachloroethane | 3.0 | Yes | Yes | Yes | Yes | Yes |
| A32 | Methyl ethyl ketone | 200.0 | Yes | Yes | Yes | Yes | Yes |
| A33 | Naphthalene | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A34 | Nitrobenzene | 2.0 | Yes | Yes | Yes | Yes | Yes |
| A35 | Pentachlorophenol | 100.0 | Yes | Yes | Yes | Yes | Yes |
| A36 | Pyridine | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A37 | Tetrachloroethylene | 0.7 | Yes | Yes | Yes | Yes | Yes |
| A38 | Trichloroethylene | 0.5 | Yes | Yes | Yes | Yes | Yes |
| A39 | Vinyl chloride | 0.2 | Yes | Yes | Yes | Yes | Yes |
| A40 | 2,4,5-TP (Silvex) | 1.0 | Yes | Yes | Yes | Yes | Yes |

| | | | | | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|-----|-----|-----|-----|
| A41 | 2,4-Dichlorophenoxyacetic acid | 10.0 | Yes | Yes | Yes | Yes | Yes |
| A42 | Alachlor | 2.0 | Yes | Yes | Yes | Yes | Yes |
| A43 | Alpha HCH | 0.001 | No | No | No | No | No |
| A44 | Atrazine | 0.2 | Yes | Yes | Yes | Yes | Yes |
| A45 | Beta HCH | 0.004 | No | No | No | No | No |
| A46 | Butachlor | 12.5 | Yes | Yes | Yes | Yes | Yes |
| A47 | Chlordane | 0.03 | No | No | No | No | No |
| A48 | Chlorpyrifos | 9.0 | Yes | Yes | Yes | Yes | Yes |
| A49 | Delta HCH | 0.004 | No | No | No | No | No |
| A50 | Endosulfan (alpha+ beta+ sulphate) | 0.04 | No | No | No | No | No |
| A51 | Endrin | 0.02 | No | No | No | No | No |
| A52 | Ethion | 0.3 | Yes | Yes | Yes | Yes | Yes |
| A53 | Heptachlor (& its Epoxide) | 0.008 | No | No | No | No | No |
| A54 | Isoproturon | 0.9 | Yes | Yes | Yes | Yes | Yes |
| A55 | Lindane | 0.4 | Yes | Yes | Yes | Yes | Yes |
| A56 | Malathion | 19 | Yes | Yes | Yes | Yes | Yes |
| A57 | Methoxychlor | 10 | Yes | Yes | Yes | Yes | Yes |
| A58 | Methyl parathion | 0.7 | Yes | Yes | Yes | Yes | Yes |
| A59 | Monocrotophos | 0.1 | Yes | Yes | Yes | Yes | Yes |
| A60 | Phorate | 0.2 | Yes | Yes | Yes | Yes | Yes |
| A61 | Toxaphene | 0.5 | Yes | Yes | Yes | Yes | Yes |
| A62 | Antimony | 15 | Yes | Yes | Yes | Yes | Yes |
| A63 | Beryllium | 0.75 | Yes | Yes | Yes | Yes | Yes |
| A64 | Chromium (VI) | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A65 | Cobalt | 80.0 | Yes | Yes | Yes | Yes | Yes |
| A66 | Copper | 25.0 | Yes | Yes | Yes | Yes | Yes |
| A67 | Molybdenum | 350 | Yes | Yes | Yes | Yes | Yes |
| A68 | Nickel | 20.0 | Yes | Yes | Yes | Yes | Yes |
| A69 | Thallium | 7.0 | Yes | Yes | Yes | Yes | Yes |
| A70 | Vanadium | 24.0 | Yes | Yes | Yes | Yes | Yes |
| A71 | Zinc | 250 | Yes | Yes | Yes | Yes | Yes |
| A72 | Fluoride | 180.0 | Yes | Yes | Yes | Yes | Yes |
| A73 | Aldrin | 0.14 | Yes | Yes | Yes | Yes | Yes |
| A74 | Dichlorodiphenyltrichloro ethane (DDT), Dichlorodiphenyldichloro ethylene (DDE), Dichlorodiphenyldichloro ethane (DDD) | 0.1 | Yes | Yes | Yes | Yes | Yes |
| A75 | Dieldrin | 0.8 | Yes | Yes | Yes | Yes | Yes |
| A76 | Kepon | 2.1 | Yes | Yes | Yes | Yes | Yes |
| A77 | Mirex | 2.1 | Yes | Yes | Yes | Yes | Yes |
| A78 | Polychlorinated biphenyls | 5.0 | Yes | Yes | Yes | Yes | Yes |
| A79 | Dioxin (2,3,7,8-TCDD) | 0.001 | No | No | No | No | No |

Yes = Facility Available

No = Facility Not Available