

Conducting Mercury Waste Inventories

Inception Workshop

Norway ODA Mercury Storage and Disposal Project in the Caribbean

Jamaica, Suriname, Trinidad and Tobago

12-13 August 2015 Port of Spain

Basel Methodological Guide for Developing of Inventories of Hazardous Wastes and Other Wastes 2013

- Step 1 Interpretation of definitions Definition of waste, Definition of hazardous waste
 - Step 2. Classification of Hazardous Waste(HW) streams
 - Step 3. Defining the scope of the inventory
 - Step 4. Identifying major HW generating facilities
 - Step 5. Collecting site specific data from generators
 - Step 6. Verifying site specific data from generators
 - Step 7. Calculating national waste generation summaries
 - Step 8. Data on HoW disposal and recycling
 - Step 9. Data on HoW import and export
 - Step 10. Assessment of results and conclusions
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- **Template and Forms for Inventories are noted in Annex 4 pages 69-74**

UNEP ToolKit for Identification and Quantification of Mercury Release Guideline for Inventory Level 1 &2 April 2015

- The Toolkit can be found on UNEP Chemicals Branch's website:

<http://www.unep.org/hazardoussubstances/Mercury/MercuryPublications/GuidanceTrainingMaterialToolkits/MercuryToolkit/tabid/4566/language/en-US/Default.aspx>

- This guideline works closely together with the Toolkit electronic Inventory Level 1 spreadsheet for calculation of estimates of mercury inputs and releases

- All the UNEP Mercury Toolkit documents can be found on UNEP's website:

<http://www.unep.org/hazardoussubstances/Mercury/MercuryPublications/GuidanceTrainingMaterialToolkits/MercuryToolkit/tabid/4566/language/en-US/Default.aspx>

- Two levels of Inventories : Level 1 and Level 2

UNEP Toolkit Guideline for Inventory continued

- Level 1 Inventory forms are accessible as EXCEL spreadsheets
- Level 1 also includes a draft format for the report which would summarize the findings of the Level 1 (or 2) inventory
- The Level 2 document includes detailed descriptions of sources of mercury releases and mercury input/output factors for 64 types of production or use
- Mineral oils extraction, refining is noted in the Level 2 guide at 5.1.3
- Natural gas extraction, refining is noted in the Level 2 guide at 5.1.4
- Gold extraction using mercury amalgamation is noted in the Level 2 guide at 5.2.2
- Aluminum extraction and initial processing is noted in the Level 2 guide at 5.2.7