



Guidance Note

Hazardous waste storage @ Liwa

REP-083-10-DJ
April 2010

Definitions:

<i>Hazardous waste:</i>	Waste defined by the criteria of the Oman Regulations for Management of Hazardous as well as those of the Basel Convention.
<i>Consignment:</i>	A specific amount of one type of hazardous waste produced by one generator.
<i>Consignment Notice:</i>	Document issued by SEU/MECA that permits transport from generation source to the Liwa site for a specific consignment. It must record waste type, classification, quantities (tons/ kilos, dates)
<i>Generator:</i>	Company that produces (generates) the waste.
<i>Receiver:</i>	Al Ahlia for the Liwa hazardous waste site.
<i>Competent Authority:</i>	SEU
<i>WAC-63 list</i>	Long list of 63 parameters from which a selection must be made for the Comprehensive Analysis.
<i>Comprehensive Analysis:</i>	List of parameters to be analyzed for the specific consignment. The CA list is extracted from the WAC-63 list.
<i>Finger print:</i>	Quick identification parameters based on physical parameters and observations.
<i>Transporter:</i>	MECA certified company that transports a Consignment from Generator to Receiver.
<i>Waste information:</i>	For the characterization of the waste involved, the Basel coding system need to be used. Basel coding is strongly related to other international systems.

Acquiring a Consignment Notice (CN)

1. Generator requests a CN application form from SEU if Generators wants to use the Liwa site.
2. Generators discusses the CA with Al Ahlia, if Generator and Receiver cannot come to an agreed CA list, the SEU will be consulted. SEU decision is final as the Legal Environment Authority for The Sultanate.
3. Generator submits a fully filled in, signed and stamped CN with supporting documents (e.g. MSDS, packaging details, etc.) to the SEU. CA analysis results are to be included.
4. SEU will sign and stamp (or ask additional information) the CN and issue the CN by sending a scan through email to Generator and Receiver. Original can be collected at the SEU office.

Note that a CN is valid for maximum one year and is not transferable to other Generators or Transporters.



Transporter company

SEU accepts only MECA registered transporter companies that have a permit that is explicitly specific for the Consignment.

CA parameter analysis

SEU accepts only results from certified laboratories. A parameter passes when the measured value is within the range of acceptance with a plus minus 10% range extension due to measurement inaccuracies. Results outside the extended acceptance range will be assessed by the SEU on a case by case basis. Test result reports must include test method, detection limit and accuracy.

Sampling

Samples that are taken from a Consignment need to be representative of that consignment and are the responsibility of the Generator. If the material is packed in more than one container and/or is not homogeneous, more than one sample need to be taken (composite sampling). A mixed sample can be made by taking a representative sample from each container and mix thoroughly all the samples to give one homogeneous master-sample. From the master-sample a final sample is extracted. The actually used sampling method must be included in the result report of the CA analysis.

Finger print analysis

A fingerprint is required to be able to identify a truckload (or package) as being part of a consignment. The Receiver will make a fingerprint reference before transportation is started.

Weighbridge

Currently no weighbridge facility is available at the Liwa site. Generators are required to use weighbridges that are available in Sohar (e.g. C.Steinweg). Only printouts of certified weighbridges are accepted.

Manifest

Every truckload of a Consignment must be accompanied by a Manifest document, a copy of the CN and weighing document. The Manifest is issued by the Receiver and must be signed as required. The colored copies will be forwarded weekly to the respective parties. Weekly the Receiver will digitally forward to the SEU the data of accepted entries.

SEU will do random checks based on document verification, loading/ transport/ discharge/storage inspections.

The Generator will be held accountable for any non-conformity and if the Consignment or part of it is not covered by the Consignment Notice, the waste has to be taken back to the Generator on its costs.

Attached: Consignment Note including WAC-63 list
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