

- Soil around raw material and product storage tank;
- Air samples from the reactor, waste treatment and the product storage areas.

2.14 SAMPLE HANDLING

All samples which were taken in two sets, were sealed, numbered and coded. One set was left in the facility and another was taken for off-site analysis. Someone from the facility was assigned to accompany the samples to the off-site laboratory to observe the analysis process. Due to the far distance of the facility from the laboratory, and because of high temperature, a portable cold storage box was used to prevent any outside effect.

2.15 ANALYSIS OF SAMPLES

Samples taken from feed-stocks, reactor solution and products were analysed on-site and in presence of the inspectors. Another part of these samples was analysed off-site (in the presence of facility personnel). Samples from soil, pumps, waste and air were also analysed off-site.

The results of such analysis proved that no other chemicals were used or produced in addition to the declared activities.

2.16 TYPES OF ANALYSIS

The analysis carried out to verify the activities in accordance to the declared format proved that no chemicals of schedule 1 had been produced. For this purpose, a gas chromatography (GC) and a gas chromatography-mass spectroscopy (GC-MASS) were used. Non-presence of schedule 1 chemicals was verified by military detection unit.

2.17 DOCUMENTATION OF THE INSPECTION

The plant layout, the equipment layout, the piping plan and the electrical plan were presented during the initial visit.

The information collected during the initial visit and the reports prepared by different inspection groups were filed in the chemical weapons defence establishment.

2.18 EVALUATION BY INSPECTORS

The inspectors carefully evaluated the declared data with the actual activities in the facility. The difficulties and obstacles during the inspection process were analysed by the inspectors and suggestions were made.

2.19 CLOSING CONFERENCE

During the one-hour closing conference, the data and the information collected were discussed and confidentiality of the facility attachment was underlined.