

4. Verification measures and identification of the specific area(s) and place(s) of the facility to be inspected

(a) Identification of the relationship between feedstocks and the quantity of end-products:

Analysis of records, monitoring of the consumption of initial feedstocks and of the quantity of resulting end-products, with the help of installed monitoring equipment.

(b) Identification of key points for measurement (KMP) and sample-taking (STP) (figs. 6 and 7):

The key measurement points shall be situated on the lines supplying the feedstocks to the reactor (2 points), the line of leading the product out of the reactor (1 point) and the lines feeding the finished product into the bulk containers (2 points).

The key points for taking samples from the flows of finished product shall be situated on the line leading the product out of the reactor (1 point) and the lines feeding the finished product into the bulk containers (2 points). At these points automatic sample-taking devices shall be installed, operating in accordance with a computerized random-sampling programme. The samples taken shall automatically pass into a container which has been fixed with seals by the inspectors. The specific locations of the key points for measurement and sample-taking are indicated on the schematic of the process path (which shall be kept at the facility).

(c) Identification of methods for continuous monitoring and surveillance:

The quantities of feedstocks and of end-products shall be continuously monitored with the help of permanently functioning flowmeters installed at the KMPs.

The composition of the reaction mixture shall be periodically checked by analysis of the samples taken by the automatic devices installed at the STPs.

The accumulation of the data gathered at the KMPs and the control of the sampling devices installed at the STPs shall be effected with the help of computers and be protected from outside interference.

5. Inspection activities

5.1. Mode of routine inspection

A detailed plan for carrying out inspections shall be drawn up at the opening conference.