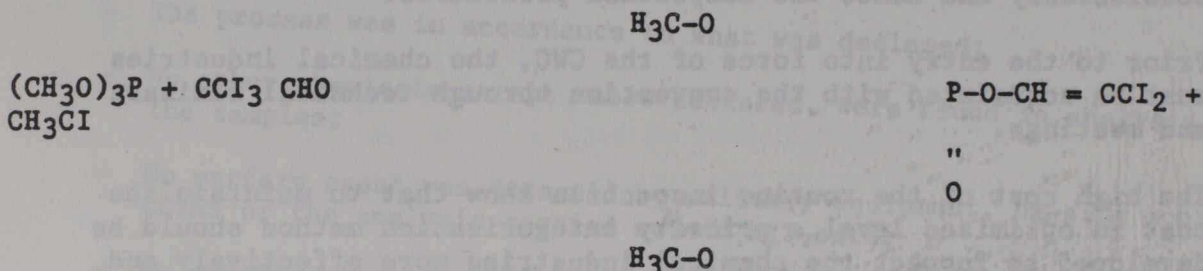


APPENDIX 1

PROCESS INSPECTION

The inspection and verification of the process equipment were thoroughly carried out by two process technologists for three hours.

For the production of Dichlorovos, trichloroacetaldehyde and three methyl phosphite are reacted according to the following chemical formula:



The raw materials and the solvent from the holding tanks are transferred to the reactor. The low boiling point gases are discharged from the top of the reactor, to the heat exchanger and finally to the solvents separator vessels.

The impure product is purified by a distillation column. The purified Dichlorovos is finally transferred to the storage vessels. In every batch, 221 Kilos of the product is produced.

The process inspectors noted the following:

- The signs, physical conditions, mode of operations and the flows of each processes equipment.
- The capacity and the physical conditions of the raw materials storage vessels and the quantity of raw materials in storage.
- The thorough put and the physical conditions of the pipes and pumps.
- The specifications of the equipment and the means of heating and cooling of the materials.
- The specifications of the waste disposal equipment.
- The signs and capacities of product storage vessels.

The result of the process inspection was in accordance with the declared activity and no considerable discrepancies were detected.

The flow diagram of the process is given in Figure (1). Also in this diagram the points of sample taking are shown.