

# **Appendix -IV**

## **APPENDIX-IV**

### **VACON Software details (Vacon NC1131-3)**

The Vacon NC1131-3 is a graphical programming tool for creating professional and efficient NX applications. It complies with the IEC 61131-3 PLC programming standard. All methods defined in the standard can be used:

- functional block diagrams
- structured text
- ladder diagrams
- instruction list and
- State diagrams.

These can be used separately or in combination.

One application can contain about 2000 blocks, depending on their size and complexity. When new applications are created, typically one of the existing applications is used as a template to minimize the effort, as the existing applications contain the majority of the functionality required.

The Vacon NC1131-3 Application Programming Suite supports many programming languages which are based on the IEC61131-3 standard. An entire application can be done in a few easy steps by using a specific tool for each programming phase. The Application Programming Suite offers a graphical programming environment for the functional design of an application.

The photograph shown below shows the parameter settings in software.

## Photograph of VACON- NC1131-3 software Screen for Parameter Setting

