# **SIEMENS**

## CONTEXT CHECKLIST

## **1 TECHNICAL ENVIRONMENT**

Title

| Hardware               | Required to run the process                     | E.g., processor, storage devices, input and output devices, other user equipment            |
|------------------------|---|---|
|                        | Likely to be encountered when using the product | What tools or other hardware are associated with the machine, the work and the environment? |
| Software               | Required to run the product                     | What software is needed to run the machine?   |
|                        | Likely to be encountered when using the product | What other software is likely to be encountered when using the machine?                     |
| Reference<br>Materials | Reference materials,<br>e.g., manual            | What reference materials are provided to help the user learn about the machine?             |

### 2 PHYSICAL ENVIRONMENT

| Environmental<br>Conditions | Atmospheric conditions       | What are the atmospheric conditions? E.g.,<br>indoors: air quality, humidity; outdoors: weather        |
|-----------------------------|------------------------------|--|
|                             | Auditory environment         | What are the auditory conditions? E.g., noise affecting the tasks, communication                       |
|                             | Visual environment           | What are the visual conditions? E.g., strength and location of light sources, reflections              |
|                             | Thermal environment          | What are the thermal conditions of the workplace? E.g., temperature, air-conditioning                  |
|                             | Environmental<br>instability | ls the workplace physically unstable in any way?<br>E.g., as a result of vibration or any other factor |
| Workplace<br>Design         | Space and furniture          | What are the size, layout, and furnishings of the workplace? E.g., display size, haptic buttons        |
|                             | User posture                 | What posture is adopted when using the ma-<br>chine? E.g., standing and looking down at display        |
|                             | Location of the machine      | Where is the machine located in relation to the workplace? E.g., two different locations               |
|                             | Location of the<br>workplace | Where is the workplace located? E.g., how close to resources, equipment, colleagues                    |

| Health & Safety | Health hazards                    | Are there any conditions that might affect the user's health and safety?                       |  |
|-----------------|-----------------------------------|--|--|
|                 | Protective clothing and equipment | Any protective clothes or equipment that pro-<br>tects the user, e.g., gloves, face mask, etc. |  |

### **3 ORGANISATIONAL ENVIRONMENT**

|                        | 1                         |  |  |
|------------------------|---------------------------|--|--|
| Structure              | Group working             | Does the user perform the task alone,<br>or in collaboration with others? E.g., shifts |  |
|                        | Assistance                | Can assistance be obtained if the user has a problem?                                  |  |
|                        | Interruptions             | How frequently is the user interrupted while performing the tasks?                     |  |
|                        | Management<br>structure   | Who has direct influence on the user's work in the organization?                       |  |
|                        | Communications structure  | How does information related to the user's task flow between individuals?              |  |
| Attitudes &<br>Culture | Organizational aims       | What are the roles, objectives, and goals of the user's organization?                  |  |
|                        | Industrial relations      | What is the status of industrial relations within the company?                         |  |
| Worker/User<br>Control | Performance<br>monitoring | How is the quality and speed of the user's work monitored and assessed?                |  |
|                        | Performance feedback      | How do users receive feedback about the quality and speed of their work?               |  |
|                        | Pacing                    | How is the rate at which users carry out their work controlled?                        |  |

Comments