# Requirements to Installation and Safety Measures

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| **Define requirements, e.g.:** | **Yes/No and Definition plus Comments** |
| **Installations** | |
| Electricity:  - Volt  - kW consumption  - Are there the needed sockets  - HPFI relay and right size of fuse  - Other  (NB: Remember grounding of all electrical equipment) |  |
| Lighting – special requirements |  |
| Water supply? Type? (Tap water or demineralised) |  |
| Need for supply of gases etc. |  |
| Drainage or collection of process water/wastewater |  |
| Collection in case of spills/leaks |  |
| Space conditions/location (Please note: Escape routes and installations must be kept clear) |  |
| Anchoring in floor/wall/ceiling |  |
| Access: Transport of equipment all the way to the place of use, special requirements (width of doors, ramps, lift, etc.) |  |
| Special floor covering (e.g., earthed, acid-resistant, antistatic, etc.)  Also: Can the floor support the equipment |  |
| Need for ATEX protection |  |
| Need for noise reduction (dB) |  |
| Vibrations |  |
| Emissions, gases, smells, etc.: Need for process ventilation |  |
| Need for fume cupboard etc. |  |
| Need for cooling (take heat generation from equipment into consideration) |  |
| Shielding of moving parts |  |
| Encapsulation of work area |  |
| Need for extra access control |  |
| Safety signage |  |
| **Other safety measures and environmental requirements etc.** | |
| Personal protective equipment (PPE) |  |
| Requirement for special education/course/certification |  |
| Requirement for registration/permits from authorities |  |
| Requirement for special treatment of process air, wastewater, waste etc. |  |
| Need/requirement for safety equipment, e.g., fire extinguishers, safety showers, eyewash etc. |  |
| Special requirements for storage, e.g., ventilation, locked room/cabinet etc. |  |
| Other special requirements |  |