

## Pay heed to and avoid the following conditions or situations:

- If heavy mechanical surface damage or stainless steel deformation occurs when special electrolytes are present, it can promote corrosion and should be avoided when at all possible.
- Severe soiling (incrustation) on the surface can create conditions conducive to corrosion.
- If the surface becomes contaminated with noble metal cuttings (rust/rust film is also considered a noble metal here), a corrosion element (local element) forms and the base metal will corrode in the presence of an electrolyte.
- Utilization of components not provided or approved by DASGIP AG. When parts come in contact with various noble metals in the presence of an electrolyte, a corrosion element forms (macro element), causing the base metal to corrode.
- If at all possible, avoid direct contact of the metal surfaces with concentrated acids or alkaline solutions. Despite stainless steel's excellent chemical resistance, certain agents such as HCl will attack the passive coating even at relatively low concentrations, causing the metal surface to corrode.