

GUIDELINE REPAIR

REPAIR OF WETTED PARTS

ProMinent offers a wide range of products which find their application in numerous target industries. Thanks to the variety of the materials we use, our products are able to pump a vast array of process media, among them in many cases as well chemicals classified as dangerous. This is a major advantage of our products – however, it is also a problem as far as issues related to maintenance/repair are concerned. It is of particular importance to ProMinent that neither humans nor the environment get harmed.

Being the user, only you know the hazardous material utilized by you on-site. Accordingly, you make sure that neither logistics providers nor the employees in our incoming goods and repair departments are harmed by any chemical residues. Thanks to your daily experience, none but you knows best how to decontaminate / destroy / remove the residues of the chemicals you use in and from our products.

According to this and as a matter of principle, only cleaned parts can get repaired. In addition, material safety data sheets of the process medium used by you and the duly completed decontamination certificate must be attached to the outside of the package, thus clearly indicating that a repair is required. ProMinent can only handle the matter if these conditions are fulfilled. A part which is not cleaned is returned at the sender's expense while observing the regulations for the transport of dangerous goods.

This is the only way to ensure the protection of humans and the environment.

QUESTION: WHICH PARTS HAVE THE FEATURE – „WETTED“ AND WHAT MUST BE OBSERVED IN THIS RESPECT?

The answer is the exemplary description of a range of wetted parts. Wetted are all products/parts/components which get in contact with the process media – both in the interior and from the exterior (by contaminating/splattering the housing), it is therefore important to remove all contaminations also from housings (and for instance also from controllers).

ALL PRODUCTS WHICH CAME INTO CONTACT WITH HAZARDOUS SUBSTANCES AT THE OUTSIDE OR INSIDE DUE TO CONTAMINATION

In this case, it is important that also an EXTERNAL cleaning is done. Frequently, controllers, fittings and other parts are encrusted with deposits or contaminated by splashes of chemicals. We are not able to know the substances with which your device came into contact. Therefore, the device/equipment must be cleaned also from the outside, enabling us to carry out the repair. In support of occupational health and safety as well as environment protection, uncleaned equipment cannot get repaired by us.

PUMPS

Should rinsing not totally clean the pump, the liquid end is to be disassembled in addition and the parts are to be cleaned from hazardous substances in dangerous quantities. Please contact the repair department for consultation in case of problems related to this.

SOLENOID VALVES

SUCTION ASSEMBLIES

The suction assembly is to be rinsed thoroughly. If necessary for the complete draining, the foot valve may be removed so that residuals of dangerous substances get cleared away here as well.

RENTAL SYSTEMS/COMPLETE SYSTEMS (PLATE-MOUNTED)

Complete systems must get cleaned as well. In this case, this concerns again also all wetted parts. Do not forget tubes and suction assemblies when cleaning. As a matter of principle, chemicals required for operation get not accepted and therefore must not be returned. Please contact the repair department for consultation in case of questions related to the decontamination of a system.

FLOW METER

METERING VALVES/FOOT VALVES

Are to be rinsed thoroughly, releasing the spring

SENSORS

ALL amperometric sensors as well as conductivity sensors are concerned here. This comprises as well Redox – and pH-sensors – i.e. also all glass sensors. Glass sensors with broken/cracked glass are as a rule beyond repair and should NOT be returned.

BACK PRESSURE VALVES

A good cleaning is possible by opening the adjusting screw and thereby releasing the spring.

DEFECTIVE CHLORINE DIOXIDE REACTORS

Do on no account return without prior notice. This is a difficult issue, since even in spite of rinsing chlorine dioxide diffused into the reactor wall material and continues

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to diffuse again into the ambient air. Please contact the repair department prior to returning the reactor and discuss the procedure.