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## 3. Maintenance

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**Warning:** To avoid hazards to personnel, ensure that all environmental isolation seals, if present, are properly maintained.

The Vortab flow conditioner requires very little maintenance because there are no moving parts or mechanical parts subject to wear.

### General Maintenance

Without detailed knowledge of the environmental parameters of the application surroundings and process media, Vortab cannot make specific recommendations for periodic inspection or cleaning procedures. However, some suggested general guidelines for maintenance steps are offered below. Use operating experience to establish the frequency of each type of maintenance.

### VIS, VMR, VSR AND VFK Maintenance

Periodically check the flow conditioner based on historical evidence of debris, foreign matter, or scale buildup in the process pipe. Check for corrosion, stress cracking, and buildup of oxides or salts. The flow conditioner's internal tabs must be free of excessive contaminants and be physically intact. Debris or excess residue buildup could cause decreased effectiveness of the flow conditioner. Clean the flow conditioner according to process pipe cleaning schedules and procedures. If the tabs are not physically intact, contact Vortab.

