



Summary

Industry:	Food - Dairy
Application:	Strapped Hoses
Actual Saving:	£n/a
Payback Period:	n/a



Swaged Hygienic Hose Reduces Injury Risk

RX Alifixx results in host of benefits for customer

ISSUE

During a visit from James MacDougall, an ERIKS Hose Technology Engineer, to a large Bakery ingredients manufacturer, he noticed that the majority of the food hoses being used, all had the fittings strapped in by either bolt clamps or jubilee clips. One of the issues with using these clamps is that there is a possibility that the end fittings can blow out and cause injury to the operator. In addition, the customer has increased the number of hoses which were being CIP cleaned. Jubilee clip or bolt clamps should never be used when CIP cleaning, due to the high temperatures and pressures used in this cleaning process. Other issues include; an increased chance of a bug traps being created which can cause product contamination which could lead to possible product recall, a lack of traceability on any of the hoses and a lack of pressure test certificates on the hoses in use.

SOLUTION

Due to high temperature combined with caustic CIP conditions, all hose assemblies with jubilee clips or band straps should be replaced with a far safer and more hygienic swaged interlocking design. Using this system eliminates the chance of product entrapment between the hose tail and the fitting. ERIKS Hose Technology engineers recommended RX Alifixx or RX Alifixx Lite to meet these needs. In addition to this the chance of injuries occurring from sharp edges on the clips is removed. All new hose assemblies supplied must be permanently marked with a unique hose reference number along with the date of hose manufacture and the hose test pressure achieved during manufacture. The customer should keep a test certificate for their records. ERIKS offers full traceability for all hoses, and the customer has agreed to replace all strapped hoses to be rolled out over a 3 month period.

OTHER BENEFITS

- Reduced risk of injury to the operator
- RX Alifixx will not be damaged by CIP Cleaning processes
- Industry regulations are now being met, reducing the risk of product contamination and recalls

FURTHER COMMENTS...

The customer will be rolling out the RX Alifixx range over the next 3 months, replacing all of their strapped hoses.

MORE INFORMATION

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