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Swivel Joint

General Maintenance and Safety Notes

596 Ridge Road • PO Box 226
Monmouth Junction • New Jersey 08852 • USA
Voice: 732.329.4666 • Fax: 732.329.9422
sales@oilco-usa.com • www.oilco-usa.com

The enclosed materials cover the general installation and precautions required when installing and maintaining an OILCO Liquid Handling Systems loading assembly. Take all due safety precautions when assembling and operating these units. Handle all components with care. And if there is something unique to your assembly that is not covered in this guide, please contact the factory. Please reference the following as a guide to assist installation contractors and operations personnel.

General Disclaimer

- All operators and maintenance personnel should be familiar with this guide and all associated materials.
- All warranties are in association with the OILCO Liquid Handling Systems Terms and Conditions (May1, 2009), but shall be waived should the unit be used in a process other than that intended, abused to the point of negligent damage, included in a system of different medium or operating pressure.
- Should the end user require a relocation or modification of the unit, an effort to contact the factory for consultation is recommended.
- All warnings and cautions must be noted by all personnel in order to maintain a safe working environment

Testing Procedures

- All swivel joints are hydrostatically tested and examined in accordance with factory established standards and procedures.
- Swivel joints are evaluated for rotation and function.
- Where applicable, jacketing or secondary applications are tested in accordance with factory standards.

Installation & Assembly

- Review the technical drawing before proceeding with assembly (where required).
- If welding is required, consult factory procedures and recommendations
- Verify all bolts, nuts, and gaskets are included with the shipment (OILCO Liquid Handling Systems only supplies component interconnecting hardware as standard).
- All threads must be cleaned and free from foreign debris, then proper thread sealant applied in a liberal manner
- All flange faces must be cleaned and free from foreign debris before a gasket is seated

Operations & Maintenance

- Always adhere to federal, state, and local policies and standards, specifically referencing the product being used.
 - Visual inspection of the unit should be conducted prior to installation to be sure that there is no immediate hazard.
 - While performing any maintenance, be sure to remove the assembly from service and drain all product.
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Note: A lubrication instruction data sheet is provided with all OILCO Liquid Handling Systems equipment. This information should be retained with onsite records for maintenance and operations reference.



Note: OILCO Liquid Handling Systems recommends a programmed maintenance schedule for all loading assemblies; this includes visual inspections, physical manipulation, and proper lubrication.



Warning: Never exceed the rated working pressure of the unit. Never modify or alter a unit beyond that to which it has been specifically designed.



Warning: Should any unit appear damaged, remove it from service immediately and contact the factory.



Caution: Any improper handling or disregard for both onsite safety and operational procedures or factory recommendations could cause unnecessary damage to the unit and severe personal injury

- OILCO Liquid Handling Systems cannot accept liability for any direct or indirect damage caused by or related to this or any other material publication.

Checklist

- OILCO Liquid Handling Systems offers a complete set of standard documentation with each order. Please be sure to verify this before assembly and installation begins.



Technical reference drawing for loading assembly



Lubrication and maintenance instructions



Swivel joint seal replacement instructions (series specific)



Welding precautions and recommendations sheet