Small Bore Tubing (SBT) failure is one of the largest contributors to unplanned hydrocarbon release in the oil and gas industry. In line with “Step Change in Safety” requirements, industry regulators are applying increasing pressure on operators and contractors to demonstrate that they have formal processes and controls in place to maintain the integrity of SBT on their equipment packages and assets.

Hydrasun’s SBT Integrity Management service assures the safe, reliable and efficient performance of SBT by identifying noncompliant assemblies, fittings, material selection and highlighting immediate Health and Safety risks by completing SBT assembly inspections, developing corrective actions and delivering this information through a secure web based management reporting tool, Hydralink. This ensures a fully developed, auditable risk mitigation strategy, improved equipment uptime and reducing hydrocarbon release.

Hydrasun’s affiliation with the Energy Institute (EI) Steering Committee, responsible for SBT Guidelines and Competency Skills development, ensures our inspection and engineering support is aligned with industry requirements and practices.

During the last 15 years Hydrasun has built up considerable experience, expertise and competence successfully delivering Flexible Hose Assembly integrity management programmes for operators and major contractors in the oil and gas, marine, defence and energy sectors.

Building on our proven model, SBT Integrity Management service provides customers with customised solutions including the development of procedures and maintenance strategies based on industry recognised guidelines, manufacturers’ recommendations and industry best practice. Our onsite SBT inspection services, technical & engineering support as well as an industry leading data management and reporting tool can be accessed securely online and configured to customer specific requirements.

Hydrasun Small Bore Tubing (SBT) Integrity Management services reduces risk and assures the safe, reliable, efficient and compliant operation of SBT assets

Hydrasun SBT Integrity Management:
- Provides risk mitigation strategies to avoid unplanned hydrocarbon releases
- Ensures compliance with industry guidelines
- Delivers an auditable and transparent SBT Integrity Management System through our online reporting tool, Hydralink
- Conducts onsite inspection surveys by OPITO accredited surveyors
- Utilises industry recognised data management & reporting tools
- Has a dedicated technical & engineering support team
SPECIALIST SERVICES:
SMALL BORE TUBING
INTEGRITY MANAGEMENT

Policy & Strategy
A fundamental building block to creating an auditable and transparent SBT Integrity Management System is a policy and strategy, built on industry recognised guidelines and best practice. Hydrasun works closely with customers to develop processes and procedures required to effectively implement the SBT maintenance strategy.

Examples of requirements for Management Policy and Strategy:
- Health and safety considerations
- Performance standards and safety critical equipment
- Competence of Personnel
- Standardisation and control of product and materials
- Risk assessment
- Design best practise
- Installation and Commissioning or reinstatement
- Inspection and Maintenance

Engineering & Technical Support
Our team provides engineering and technical support to ensure we meet customer’s SBT integrity management requirements:
- Material selection recommendations
- Design and installation support
- Product assembly
- Engineering support services
- Competency Assessment
- Product Training

Data Management Services
The Hydrasun Integrity Management (HIMS) Database is an industry recognised web based customer interface tool accessible through our Hydralink system. A powerful reporting tool, HIMS can be configured to interface with customer’s internal business systems. It is an effective solution for the management of SBT data gathered during inspection surveys which facilitates the:
- Control and management of survey data collection
- Analysis of individual or multiple site based SBT inspection survey analysis
- SBT status reports and cross/installation comparisons
- SBT failure trends and historical analysis
- Strategic decision making for implementation of future inspection and maintenance strategies.

Competent Personnel
The Hydrasun Integrity Management division has over 60 personnel who provide inspection, project management, technical support and contract management services. All of our surveyors are OPITO accredited and their competence is assured and verified through Hydrasun’s OPITO Accredited Learning and Competency System for Surveyors.

For further information on SBT Integrity Management Services contact:

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