

## Pipe and Pipeline Services

Velosi provides complete Quality Management Services for pipeline development projects for both onshore and offshore pipelines. Our project verification services include design review and approval, material selection and quality inspection at pipe, equipment suppliers and, during pipeline construction, audit, surveillance, installation and commissioning services. Velosi is also able to cover both steel and plastic material constructions.

### Onshore pipelines

During the construction of an onshore pipeline, Velosi is able to provide quality control services covering the full range of activities, such as welding and other NDE type inspectors to monitor the actual jointing functions, coating inspectors to ensure that on-site coating of the welded joints are completed to code or specification requirements, experts in cathodic protection systems, specialists relating to the terrain such as road, rail or river crossings, way-leave considerations such as agricultural and urban experts, and environmental engineers to assist with sensitive areas, such as rain forests or areas of scientific interest.

Clients are able to request either a complete packaged management solution or any of the individual elements mentioned above. The elements that make up a packaged solution include a construction Project Manager to oversee all aspects of the quality of the project. The Project Manager would, then, in conjunction with the client, assess the necessary expertise required for each element.

### Offshore Pipelines

Velosi has undertaken verification services on major offshore pipeline projects and has extensive experience of supervising work on high specification, dynamically positioned pipeline installation vessels during deep-water construction. Velosi provides specialist inspection personnel who are fully conversant with S and J lay installation systems, automated welding techniques and advanced NDE techniques, such as automated ultrasonic testing.

As part of the project management, Velosi is able to use the experience and knowledge of mobilization of personnel to ensure that project staff are supported during the project. This support service is provided by our local offices at both the point of embarkation and point of arrival. All personnel are checked for medicals and visas and have emergency support, and other rotational leave assistance.



Velosi's knowledge and experience is offered worldwide in the following services:

- Project Management
- Review and verification of quality plans
- Supervision of all welding procedures and welder qualification tests prior to operations
- Quality audits during pipe-lay program
- Materials control services
- Health & Safety Inspection
- Double Jointing Inspection
- Procedure Verification
- Welding Qualification & Inspection
- Inspection of Automated UT Systems
- Road / rail / river crossings
- Weld Identification & Mapping
- Cathodic protection review and testing
- Blasting / Explosives experts
- Bend Inspection
- Backfill Inspection
- NDE Inspection
- Coating Inspection

