



# KTL Technical Services

Wire Rope Inspection  
Dropped Object Survey  
Spooling Operations  
NDT (Non Destructive Testing)  
Bell Rope Management  
EMAG (Electromagnetic Inspection of Wire Rope)

For more information on our services  
please contact KTL Technical Services at:

**Tel:** +65 6508 1121    **Email:** steven@ktmlsg.com.sg    **Fax:** +65 6863 0002

Member of



Our Partners



## Wire Rope Inspection



KTL is an associate LEEA and AWRP member and utilises NSL Aberdeen to train and certify all KTL Inspectors to meet the highest standards in Load Testing and Lifting Equipment Inspection.



KTL Inspectors are qualified to NSL Level 1 / 2 and are able to perform both on and off-shore inspections on a variety of equipment.

## Dropped Object Survey



With increased awareness and demand in industries, we offer both survey and training services for our clients. Our Trained Inspectors conduct comprehensive site surveys, document and report on findings. And for keeping up to date with industry best practices, our specialists conduct group training for clients and our own employees.

KTL offers complete surveys of offshore installations from the Watertable down.



## NDT (Non Destructive Testing)

Our ASNT (American Society of Non Destructive Testing) Level II Inspectors are adept in preparing precise and high quality reports, delivered within 24 hours for client's expedient interpretation. The reports can be customized for individual clients on request.

**Hardness Testing.** Our Portable Digital Equipment test hardness measurement values in HRC, HRB, HRA, HV, HB, HS and HLD.

**Thickness Gauging.** We use the latest Portable Ultrasonic Technologies for measuring thickness of Plates and Pipes.

## Spooling Operations



The KTL Fleet of Spoolers is adaptable for an array of onshore and offshore operations. With our long standing tradition and reputation as an industry leader in the field of Spooling Operations, we are able to offer valuable advice and guidance in all aspects of wire rope and cable spooling to ensure smooth operations in both onshore and offshore environments.

## EMAG (Electromagnetic Inspection of Wire Rope)



Electromagnetic Inspection is Industry Standard for in-service inspection of wire ropes. EMAG examines the entire cross-section of the rope using LMA and LF to evaluate the ropes integrity.

A high speed detailed inspection of the rope can be completed in a fraction of the time. A computer generated print out provides a historical reference for future inspections. Our experienced technicians have been successfully contracted throughout Asia on both onshore and offshore projects.

## Bell Rope Management



KTL offer a full inspection and maintenance regime utilizing the latest technologies to promote longevity and safety. Clients' ropes can be stored undercover, cleaned and lubricated to the core via our Corelube System, and rotated in accordance with IMCA Guidelines.

We also work closely with many manufacturers to develop advanced products to meet new demands.