Line Pull Testing

Applications:
- Mooring lines
- Winches
- Anchors
- Bollard pulls and tug tests
SP's load monitoring systems are ideal for use in monitoring line forces when towing and salvaging vessels offshore

Straightpoint (SP) provide all that you need to prevent heaving load lines that are exceeding their maximum tension limits during pulls.

Our loadlink and load cell (dynamometer) products have been put through rigorous testing regimes and meet the high standards of many globally recognised industry bodies such as ASME, DNV-GL, ATEX, and many more.

We have also developed them to be used with a wide range of industry standard lifting shackles and equipment.

The RadioLink plus (RLP) load cell is constructed using aircraft grade aluminium, making it light and durable, and finished with an anodised coating that helps it to reach the NEMA6/IP67 environmental protection by resisting corrosion.

This is especially essential in order to prolong the lifespan of the product by protecting it from the wet, salty, and rough handling conditions out at sea.

To even the most prepared and highly capable tug vessel seamen who are working within an offshore environment, open water conditions can suddenly become extremely hazardous to work within.

During a storm, for example, a tug pulling a vessel via a metal hawser, lines, would be buffeted about and these extra forces could cause the line’s operational limits to be exceeded.

If the hawser line snaps and recoils, there is a possibility that any crew caught in the “snap-back zone”, where the resulting backlash can whip back at forecast as speeds could be badly hurt or fatally injured.

Having a tension monitoring system incorporated will provide constant real-time readouts of the forces prevailing on the line.

If the tension rises to dangerous levels then the appropriate reactions can be carried out immediately to lessen the risks.

SP is dedicated to making the marine industry a safer place.