

ABSTRACT

A safety arrangement for use with a piece of equipment. The safety arrangement includes a signal generating unit for generating an optical signal, an elongate element, and a signal detecting unit. The elongate element is disposed along, about, around or through the piece of equipment and is capable of transmitting an optical signal. The signal detecting unit detects an optical signal. The signal generating unit is connected to the signal detecting unit by the elongate element such that the signal detecting unit is in optical communication with the signal detecting unit. The signal detecting unit is arranged to detect a change in the optical signal transmitted by the elongate element as a consequence of movement of the elongate element and, upon detection of the change in the signal, the detecting unit is configured to effect a change in the operation of the piece of equipment.