

## THE DEVELOPMENT OF A LASER ASSISTED STAGGER AND HEIGHT GAUGE (LASH) FOR CONTACT WIRES

The laser height and stagger gauge is a lightweight and compact instrument with a better accuracy than the present optical or glass fibre pole systems. It is a non-contact system which may be used during the day or at night time, and produces a digital display of height, stagger and track cant. It will fit into a 6cwt van with four linesmen and requires little skill in its use.

It is presently undergoing trials on the Midland, Eastern and Scottish regions to obtain feedback from the men who carry out height and stagger measurements. If these prove to be satisfactory the gauge will move onto the next stage of development in which an outside firm will be invited to manufacture a product suitable for marketing.