

THEY LEARNING HAND SIGNALS FOR SURVEYING SAFETY AND COMMUNICATIONS

1) WATCH THIS VIDEO

http://www.youtube.com/watch?v=9QL4_8swFZ8

2) THEN REVIEW THIS WRITTEN CONTENT AND POSTER AND THE DIRECTIONAL MOVES

3) PRACTICE THE MOVEMENTS WITH A PARTNER FROM 30 FEET AWAY AND HAVE THEM GUESS WHAT YOU ARE SAYING, WRITING IT DOWN ON A STEP LIST WORKSHEET.

4) ENHANCEMENTS: Fill in a match up sheet, or make a set of memory cards with the pictures photocopied, turned upside down and see how fast each student can remember them and match them up.

5) ENHANCEMENTS: Produce an entertaining, yet accurate video @ 1:30 duration with your phone camera recording and moviemaker or adobe premiere to music – put titles and or speak the communication on it appropriately to identify you know the movements and what they mean. Your creativity is all that limits you...you may end up making the latest “Gangnam” style with some moves to music... good luck!

Source:

http://epg.modot.org/index.php?title=238.4_Construction_Surveying#238.4.8_Hand_Signals

Web Accessed: February 2013

Reference: Engineering Policy Guide

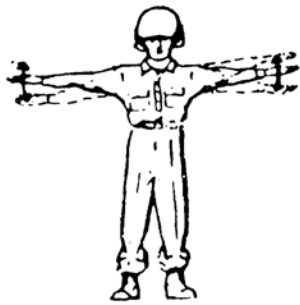
238.4.8 Hand Signals

Various hand signals may be used during the survey when the radios are not available. When setting a point on a line, the instrument person signals the survey assistant to move left or right to set the point by a wave of the hand or arm in the required direction. The longer the wave, the more movement is necessary. When only a very small movement is required, the signal is a sharp movement of the hand. A white cloth can be used when visibility is poor.

When leveling, once the instrument operator has taken the rod reading, a wave of the hand tells the survey assistant that they can proceed to the next rod location. When a turn is desired, the instrument operator makes a rotating motion with one arm directly overhead.

Source:

http://library.enlisted.info/field-manuals/series-1/FM5_232/2321CH.PDF



Arms waving = All right
Arms still = Hold steady



Move right



Give me a
back sight



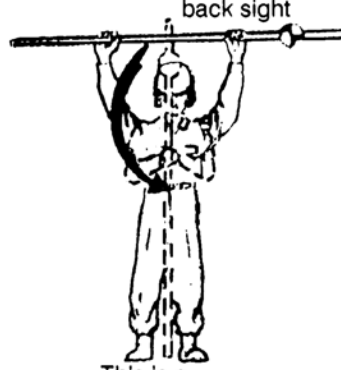
Give me a line



Plumb rod right



Establish a
turning point



This is a
turning point



Wave the rod



Face the rod



Reverse the rod



Boost the rod



Move forward



Move back



Up (or down)



Pick up the
instrument



Come in