

# AUTO WARNING TELL TALE EXTENSOMETER

Model-AWTT-01

**INTRODUCTION** AWTT is primarily used in depillaring area.

When bed separation exceeds certain value during depillaring operation (7mm in case of jhanjhara area) roof fall is likely to take place. AWTT is set to trigger at about 2mm less than specified value. When AWTT starts blinking, the machine & personnel are withdrawn to safer place.

Back abutment pressure is not so dangerous. Front abutment pressure when it comes in depillaring working area it is dangerous.



## FEATURE :

- ◆ It gives automatic visual indication when the movement of roof started exceeds **safety level**,
- ◆ AWTT will protect the personnel & machinery from impending Roof fall.
- ◆ Movement of the strata is also indicated on the scale.
- ◆ Rapid & simple to install.
- ◆ Auto warning tell tale can be installed at different depths.

## INSTRUCTION

01. Drill hole using 43mm bit to the required height.
02. preset the auto warning tell-tale to the desired scale where auto warning is to trigger.
03. Insert anchor of suspension cable to top of hole. Use graduated purpose Insertion rods to confirm anchor position. Tug wire to seat anchor.
04. Keeping the suspension cable under tension, the reference tube can now be inserted into the bottom of hole. The reference tube should be pushed fully into the hole.
05. Position tube fitted with indicator to the lowest point and crimp ferrule.
06. Now the extension meter is ready for working. Movement of roof will be transferred to reference tube. When the roof movement reaches the pre-set scale auto-warning led will glow & start blinking.

