

## CONN-WELD INDUSTRIES, INC.

### Check Speed Instructions

After above start-up inspection has been conducted and screen is ready for operation the vibrating screen motion should be checked.

This can be accomplished by use of throw card.

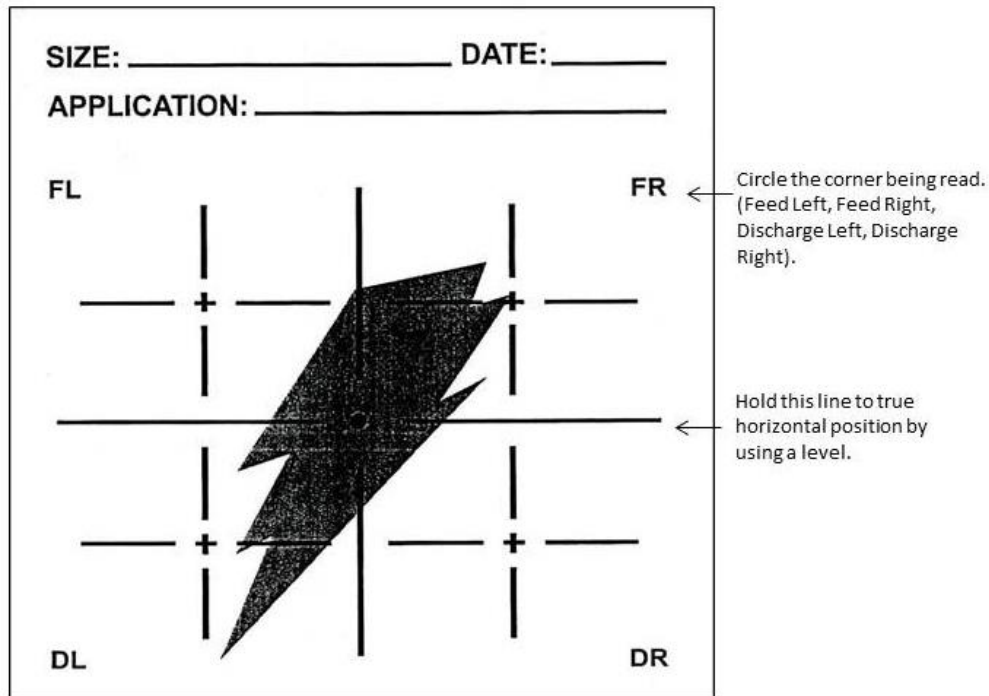


Figure 1: THROW CARD INSTRUCTION

#### NOTE: Contact Conn-Weld Industries for assistance conducting Throw Card Analysis

1. Tape four throw cards to each corner of side plates keeping consistent in placement at feed and discharge ends.
2. Using a level, draw a horizontal line on each card to determine the angle of motion.
3. A pencil is used to mark throw. Place a support on the floor vertical to throw card to steady your mark. Make sure you mark corner accurately.
4. With support in place and machine operating at full speed firmly hold pencil at right angle to side plate and push forward so that it just touches throw card.

You want to see similar marking patterns on feed and discharge end.

If markings patterns are not similar on feed and discharge ends this indicates critical speed.

Damaged components in shipment or improper installation can affect screen motion. Continued operation can be detrimental to operation of vibrating screen. Contact Conn-Weld for advice.

Your screen has been designed to run at speed specified by Conn-Weld. DO NOT adjust speed.

### Commission Screen Fully Loaded

Once established screen is not operating at critical speed the remaining can be checked:

1. Visually inspect springs for even compression on all four corners.
2. Make sure material is evenly distributed across screen surface for efficient screening.