

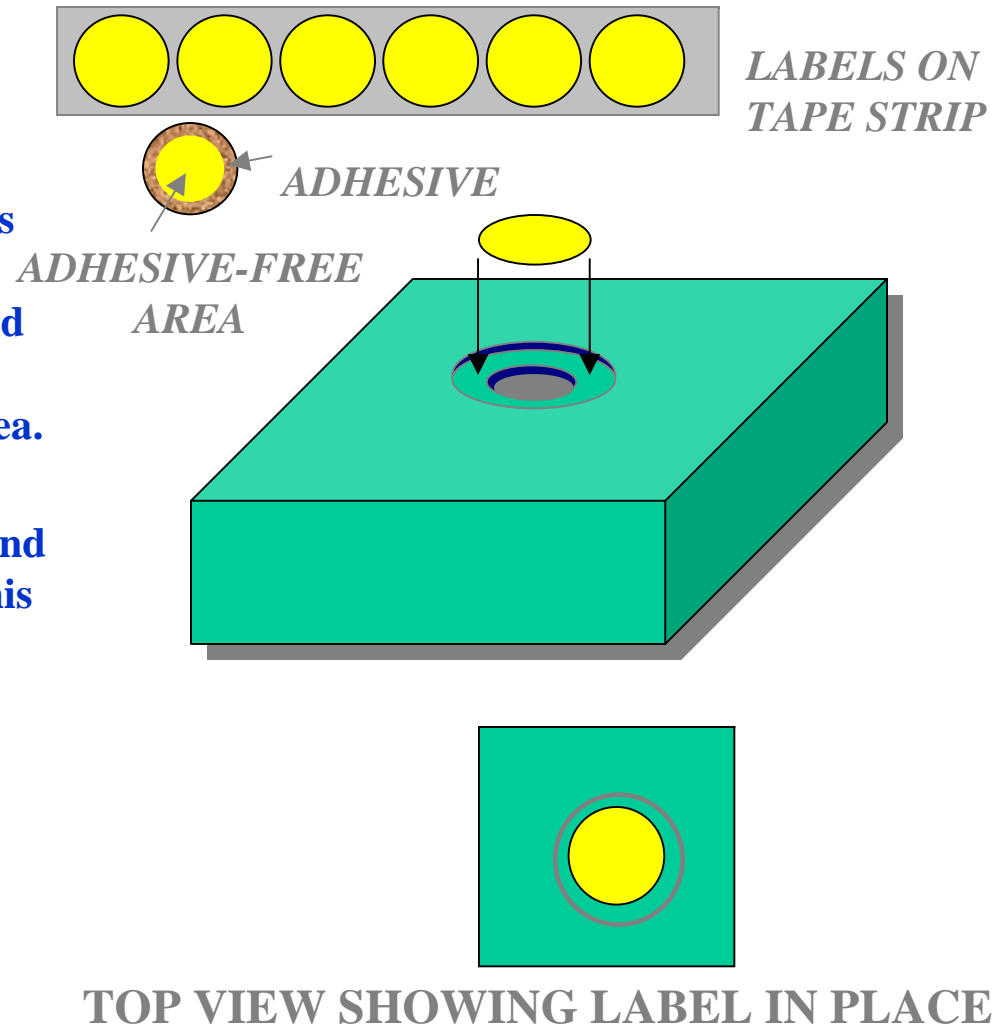
FMEA Homework Exercise 3

- Complete a process FMEA for the operation shown on the next pages
- Use the forms provided on the web page, or create forms of your own. If your company already has FMEA forms, you may use them for this exercise
- Submit the FMEA to me attached to e-mail. e-mail.
- Assignment is due 4/9

FMEA Homework 3

1. Evaluate the process of attaching a pressure-sensitive adhesive label to an instrument case.
2. The case contains sensitive electronic components that cannot be exposed to contamination from particles or vapors.
3. The hole is used for final adjustment and is covered with a pressure-sensitive label. To keep the inside of the case from being exposed to possible contamination from the adhesive, the label was designed with a no-adhesive area.
4. The label is attached by an operator using tweezers to remove the label from the strip and to place it over the hole. The operator uses his or her finger to press the label onto the case. (the operators wear latex gloves to prevent contamination.)
5. The next operator inspects the label for proper alignment and coverage.

See next page



TOP VIEW SHOWING LABEL IN PLACE

FMEA Homework 3

PROCESS INSTRUCTIONS

1. Operator must wear latex gloves
2. Use pointed tweezers to remove label from strip and place it in the center of the recessed area.
3. Press label with glove finger to secure it to cover
4. Inside of case must not be exposed to adhesive
5. Label must make an air-tight seal to prevent particulate contamination