

SYSTEM AND METHOD FOR DETECTING A DEFECTIVE SAMPLE**ABSTRACT**

In various embodiments, a system for detecting a defective sample may be provided. The system may include a chamber. The system may further include a pressure reducing mechanism coupled with the chamber. The system may additionally include a detector. The pressure reducing mechanism may be configured to reduce a pressure in the chamber. The detector may be configured to detect information indicating a temperature of the sample. Various embodiments may be capable of detecting water ingress or fluid ingress into the micro cracks or along the designed discontinuities, like bolts and rivets.

[FIG. 3]