Comparing Grain Contacts in a Model Sample

Scoring guide · one credit per question · review written work against each rubric

Comparing Grain Contacts in a Model Sample

Question 1

Choice (1)

The grains of P already conduct. The result for the bed depends on how those grains are packed.

Question 2

A single grain offers a conducting path within it. A loose collection of grains may lack a complete chain of touching P grains across the bed.

Question 3

It will no longer conduct from end to end. The barrier breaks every chain of touching P grains across the middle.

Question 4

Compare individual P grains before pressing and after removing them from a pressed bed. If individual grain conductivity stays the same while a bed of those grains conducts only when pressed, the evidence supports a change in the contacts between grains.