

Deming Cooperative Puzzle

ACROSS

DOWN

2. The average fraction _____ will determine whether incoming lots should be inspected or not.
5. Rare defects are _____ to find.
7. Multiple inspections of the same product should be _____ of one another.
11. Standard inspection plans may lead to total _____ double that of 100% inspection.
12. The more complicated products become, the more _____ components must be if costs are to be held down.
13. In _____ inspect 100% or use a test sample of 200.
14. Move toward a _____ vendor on a long-term relationship, for any one item.
15. If there are two suppliers, keep _____ records for each one.
16. Multiple _____ to the same defect has the same effect as multiple parts.
17. A _____ workload for inspection is difficult to manage.
18. In case lots straddle the average proportion defective, the mean of the distribution of lots will determine whether to _____ or not.
19. In a stable process, to minimize total cost, either inspect 100% or inspect _____.

1. Rules for inspection must be simple in _____.
3. Latent defects are discovered by the _____, often after some months or years.
4. Samples from lots and remainders are _____.
6. The solution to the problem of destructive testing is _____ of the process.
8. In an unstable, or unknown process, a sample of 200 is a less _____ alternative to 100% inspection, and provides a running record of quality.
9. Study of a chart may indicate where two methods _____, and how much.
10. A process in a state of chaos is _____.

(if you get stuck, see Chapter Fifteen of *Out of the Crisis*)

