| | | | | | |
|---|---|---|---|---|---|
| **Cost Model** | | | | | |
| If Westridge wants to make 'x' amount of 2.5 oz. bottle of ID Millenium, how long will it take and how much will it cost? | | | | | |
| | | | | | |
| **Input** | | | | | |
| Batch size (number of bottles) | 240 | | | | |
| | | | | | |
| **Output** | | | | | |
| Number of cases required | 10 | | | | |
| | | | | | |
| Overhead cost | $591.22 | | | | |
| Raw material cost | $179.09 | | | | |
| Labor cost | $77.04 | | | | |
| Total Cost | $847.36 | | | | |
| | | | | | |
| Revenue ($) | $3,537.60 | | | | |
| Profit ($) | $2,690.24 | | | | |
| | | | | | |
| | Seconds per batch | Minutes per batch | Hours per batch | | |
| Time to complete (sec, min, hour) | 6591.15 | 109.85 | 1.83 | | |
| | | | plus overnight leak test | | |
| | | | | | |
| **Additional Output** | | | | | |
| Cost per individual step | | | | | |
| | | | | | |
| | Seconds per batch | Minutes per batch | Hours per batch | | |
| Set up cost ($) | $15.43 | | | | |
| Number of operators | 4 | | | | |
| Time to set up (sec, min, hour) | 1320 | 22 | 0.37 | | |
| | | | | | |
| Cost to label ($) | $15.53 | | | | |
| Number of operators | 2 | | | | |
| Time to label (sec, min, hour) | 510.14 | 8.50 | 0.14 | | |
| | | | | | |
| Cost to fill ($) | $148.84 | | | | |
| Number of operators | 1 | | | | |
| Time to fill (sec, min, hour) | 794.78 | 13.25 | 0.22 | | |
| | | | | | |
| Cost to cap ($) | $5.98 | | | | |
| Number of operators | 2 | | | | |
| Time to cap (sec, min, hour) | 779.53 | 12.99 | 0.22 | | |
| | | | | | |
| Cost to wait ($) | $3.86 | | | | |

| | | | | |
|---|---|---|---|---|
| **Cost Model** | | | | |
| If Westridge wants to make 'x' amount of 2.8 oz. bottle of ID Moments how long will it take and how much will it cost? | | | | |
| | | | | |
| **Input** | | | | |
| Batch size (number of bottles) | 240 | | | |
| | | | | |
| **Output** | | | | |
| Number of cases required | 10 | | | |
| | | | | |
| Overhead cost | $453.38 | | | |
| Raw material cost | $179.09 | | | |
| Labor cost | $59.08 | | | |
| Total Cost | $691.56 | | | |
| | | | | |
| Revenue ($) | $2,380.80 | | | |
| Profit ($) | $1,689.24 | | | |
| | | | | |
| | Seconds per batch | Minutes per batch | Hours per batch | |
| Time to complete (sec, min, hour) | 5054.45 | 84.24 | 1.40 | |
| | | | | |
| | | | | |
| **Additional Output** | | | | |
| Cost per individual step | | | | |
| | | | | |
| | Seconds per batch | Minutes per batch | Hours per batch | |
| Set up cost ($) | $15.43 | | | |
| Number of operators | 4 | | | |
| Time to set up (sec, min, hour) | 1320 | 22 | 0.37 | |
| | | | | |
| Cost to label ($) | $15.53 | | | |
| Number of operators | 2 | | | |
| Time to label (sec, min, hour) | 510.14 | 8.50 | 0.14 | |
| | | | | |
| Cost to fill ($) | $148.84 | | | |
| Number of operators | 1 | | | |
| Time to fill (sec, min, hour) | 794.78 | 13.25 | 0.22 | |
| | | | | |
| Cost to cap ($) | $21.79 | | | |
| Number of operators | 2 | | | |
| Time to cap (sec, min, hour) | 779.53 | 12.99 | 0.22 | |
| | | | | |
| Cost to wait ($) | $3.86 | | | |