



|            |   |
|------------|---|
| Estudiante | Villarraga Mora Alexander (alvillarraga2) |
| Jugada No. | 5   |
| Participó  | Si  |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD   | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|-------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 13,539     | \$7,000,000 | \$600,000                    | \$40,617,000      | \$0                | \$48,217,000  |
| Febrero    | 26,305     | \$7,000,000 | \$0                          | \$78,915,000      | \$0                | \$85,915,000  |
| Marzo      | 38,871     | \$7,000,000 | \$0                          | \$116,613,000     | \$0                | \$123,613,000 |
| Abril      | 51,554     | \$7,000,000 | \$0                          | \$154,662,000     | \$0                | \$161,662,000 |
| Mayo       | 64,638     | \$7,000,000 | \$0                          | \$193,914,000     | \$0                | \$200,914,000 |
| Junio      | 77,713     | \$7,000,000 | \$0                          | \$233,139,000     | \$0                | \$240,139,000 |
| Julio      | 90,597     | \$7,000,000 | \$0                          | \$271,791,000     | \$0                | \$278,791,000 |
| Agosto     | 103,524    | \$7,000,000 | \$0                          | \$310,572,000     | \$0                | \$317,572,000 |
| Septiembre | 116,914    | \$7,000,000 | \$0                          | \$350,742,000     | \$0                | \$357,742,000 |
| Octubre    | 130,636    | \$7,000,000 | \$0                          | \$391,908,000     | \$0                | \$398,908,000 |
| Noviembre  | 144,094    | \$7,000,000 | \$0                          | \$432,282,000     | \$0                | \$439,282,000 |
| Diciembre  | 157,971    | \$7,000,000 | \$0                          | \$473,913,000     | \$0                | \$480,913,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$3,133,668,000 |
| Costo Unitario Promedio | \$15,543        |

## MEDIDAS DE DESEMPEÑO

|                           |        |
|---------------------------|--------|
| Tasa de utilización de la | 39.34% |
|---------------------------|--------|



|                                    |        |
|------------------------------------|--------|
| capacidad                          |        |
| Tasa de eficiencia de la capacidad | 6.32%  |
| Colchón de capacidad               | 60.66% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 22:00 |
| Tiempo de flujo promedio | 48.7 Horas    |
| Retardo                  | 0 Horas       |
| Tardanza media           | 0 Horas       |
| Tardanza ponderada       | 0             |