



|            |                                       |
|------------|---------------------------------------|
| Estudiante | Medina Moreno Mary Leidy (mamedina28) |
| 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      | 1,913      | \$1,160,000 | \$1,500,000                  | \$5,739,000       | \$0                | \$8,399,000   |
| Febrero    | 2,935      | \$1,160,000 | \$0                          | \$8,805,000       | \$0                | \$9,965,000   |
| Marzo      | 340        | \$0         | \$500,000                    | \$1,020,000       | \$0                | \$1,520,000   |
| Abril      | 1,611      | \$1,160,000 | \$300,000                    | \$4,833,000       | \$0                | \$6,293,000   |
| Mayo       | 3,394      | \$1,160,000 | \$0                          | \$10,182,000      | \$0                | \$11,342,000  |
| Junio      | 1,401      | \$0         | \$500,000                    | \$4,203,000       | \$0                | \$4,703,000   |
| Julio      | 3,492      | \$1,160,000 | \$300,000                    | \$10,476,000      | \$0                | \$11,936,000  |
| Agosto     | 1,041      | \$0         | \$500,000                    | \$3,123,000       | \$0                | \$3,623,000   |
| Septiembre | 2,091      | \$1,160,000 | \$300,000                    | \$6,273,000       | \$0                | \$7,733,000   |
| Octubre    | 3,278      | \$1,160,000 | \$0                          | \$9,834,000       | \$0                | \$10,994,000  |
| Noviembre  | 1,437      | \$0         | \$500,000                    | \$4,311,000       | \$0                | \$4,811,000   |
| Diciembre  | 3,155      | \$1,160,000 | \$300,000                    | \$9,465,000       | \$0                | \$10,925,000  |

|                         |              |
|-------------------------|--------------|
| Costo Total             | \$92,244,000 |
| Costo Unitario Promedio | \$3,202      |

## MEDIDAS DE DESEMPEÑO

|                                     |        |
|-------------------------------------|--------|
| Tasa de utilización de la capacidad | 25.39% |
| Tasa de eficiencia de la capacidad  | 6.71%  |
| Colchón de capacidad                | 74.61% |



## PROGRAMACIÓN DE LA PRODUCCIÓN

|                                 |               |
|---------------------------------|---------------|
| <b>Makespan</b>                 | Viernes 13:00 |
| <b>Tiempo de flujo promedio</b> | 40.5 Horas    |
| <b>Retardo</b>                  | 6 Horas       |
| <b>Tardanza media</b>           | 1.2 Horas     |
| <b>Tardanza ponderada</b>       | 36            |