



|            |                                        |
|------------|----------------------------------------|
| Estudiante | Barrios Bravo Manuel Jose (mabarrios5) |
| 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      | 146        | \$1,190,000 | \$1,500,000                  | \$438,000         | \$0                | \$3,128,000   |
| Febrero    | 205        | \$1,160,000 | \$0                          | \$615,000         | \$5,840,000        | \$7,615,000   |
| Marzo      | 295        | \$1,400,000 | \$0                          | \$885,000         | \$0                | \$2,285,000   |
| Abril      | 389        | \$1,160,000 | \$0                          | \$1,167,000       | \$9,480,000        | \$11,807,000  |
| Mayo       | 471        | \$1,160,000 | \$0                          | \$1,413,000       | \$7,170,000        | \$9,743,000   |
| Junio      | 543        | \$1,160,000 | \$0                          | \$1,629,000       | \$2,600,000        | \$5,389,000   |
| Julio      | 645        | \$1,160,000 | \$0                          | \$1,935,000       | \$6,840,000        | \$9,935,000   |
| Agosto     | 720        | \$1,160,000 | \$0                          | \$2,160,000       | \$7,310,000        | \$10,630,000  |
| Septiembre | 818        | \$1,160,000 | \$0                          | \$2,454,000       | \$6,690,000        | \$10,304,000  |
| Octubre    | 874        | \$1,160,000 | \$0                          | \$2,622,000       | \$2,540,000        | \$6,322,000   |
| Noviembre  | 1,013      | \$1,160,000 | \$0                          | \$3,039,000       | \$11,470,000       | \$15,669,000  |
| Diciembre  | 1,085      | \$1,160,000 | \$0                          | \$3,255,000       | \$14,110,000       | \$18,525,000  |

|                         |               |
|-------------------------|---------------|
| Costo Total             | \$111,352,000 |
| Costo Unitario Promedio | \$3,221       |

## MEDIDAS DE DESEMPEÑO

|                                     |        |
|-------------------------------------|--------|
| Tasa de utilización de la capacidad | 80.98% |
| Tasa de eficiencia de la capacidad  | 19.87% |
| Colchón de capacidad                | 19.02% |



## PROGRAMACIÓN DE LA PRODUCCIÓN

|                                 |               |
|---------------------------------|---------------|
| <b>Makespan</b>                 | Viernes 21:00 |
| <b>Tiempo de flujo promedio</b> | 39.6 Horas    |
| <b>Retardo</b>                  | 16 Horas      |
| <b>Tardanza media</b>           | 14.4 Horas    |
| <b>Tardanza ponderada</b>       | 432           |