



|            |                                            |
|------------|--------------------------------------------|
| Estudiante | Millan Fernandez Daniel Andres (damillan6) |
| 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      | 3,677      | \$2,000,000 | \$500,000                    | \$11,031,000      | \$0                | \$13,531,000  |
| Febrero    | 349        | \$0         | \$1,000,000                  | \$1,047,000       | \$0                | \$2,047,000   |
| Marzo      | 853        | \$1,000,000 | \$300,000                    | \$2,559,000       | \$0                | \$3,859,000   |
| Abril      | 993        | \$1,000,000 | \$0                          | \$2,979,000       | \$0                | \$3,979,000   |
| Mayo       | 1,216      | \$1,000,000 | \$0                          | \$3,648,000       | \$0                | \$4,648,000   |
| Junio      | 1,574      | \$1,000,000 | \$0                          | \$4,722,000       | \$0                | \$5,722,000   |
| Julio      | 2,072      | \$1,000,000 | \$0                          | \$6,216,000       | \$0                | \$7,216,000   |
| Agosto     | 2,834      | \$1,000,000 | \$0                          | \$8,502,000       | \$0                | \$9,502,000   |
| Septiembre | 3,699      | \$1,000,000 | \$0                          | \$11,097,000      | \$0                | \$12,097,000  |
| Octubre    | 680        | \$0         | \$500,000                    | \$2,040,000       | \$0                | \$2,540,000   |
| Noviembre  | 987        | \$1,000,000 | \$300,000                    | \$2,961,000       | \$0                | \$4,261,000   |
| Diciembre  | 1,404      | \$1,000,000 | \$0                          | \$4,212,000       | \$0                | \$5,212,000   |

|                         |              |
|-------------------------|--------------|
| Costo Total             | \$74,614,000 |
| Costo Unitario Promedio | \$1,884      |

## MEDIDAS DE DESEMPEÑO

|                                     |        |
|-------------------------------------|--------|
| Tasa de utilización de la capacidad | 30.84% |
| Tasa de eficiencia de la capacidad  | 9.73%  |
| Colchón de capacidad                | 69.16% |



## PROGRAMACIÓN DE LA PRODUCCIÓN

|                                 |               |
|---------------------------------|---------------|
| <b>Makespan</b>                 | Viernes 10:00 |
| <b>Tiempo de flujo promedio</b> | 28.9 Horas    |
| <b>Retardo</b>                  | 32 Horas      |
| <b>Tardanza media</b>           | 9.9 Horas     |
| <b>Tardanza ponderada</b>       | 336           |