



|            |   |
|------------|---|
| Estudiante | Giraldo Betancur Jorge Ivan (jogiraldo19) |
| 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      | 10,543     | \$5,015,000 | \$0                          | \$31,629,000      | \$10,000           | \$36,654,000  |
| Febrero    | 20,954     | \$5,015,000 | \$0                          | \$62,862,000      | \$10,000           | \$67,887,000  |
| Marzo      | 31,265     | \$5,015,000 | \$0                          | \$93,795,000      | \$10,000           | \$98,820,000  |
| Abril      | 41,626     | \$5,015,000 | \$0                          | \$124,878,000     | \$10,000           | \$129,903,000 |
| Mayo       | 51,837     | \$5,015,000 | \$0                          | \$155,511,000     | \$10,000           | \$160,536,000 |
| Junio      | 61,948     | \$5,015,000 | \$0                          | \$185,844,000     | \$10,000           | \$190,869,000 |
| Julio      | 72,459     | \$5,015,000 | \$0                          | \$217,377,000     | \$10,000           | \$222,402,000 |
| Agosto     | 82,870     | \$5,015,000 | \$0                          | \$248,610,000     | \$10,000           | \$253,635,000 |
| Septiembre | 93,181     | \$5,015,000 | \$0                          | \$279,543,000     | \$10,000           | \$284,568,000 |
| Octubre    | 103,492    | \$5,015,000 | \$0                          | \$310,476,000     | \$10,000           | \$315,501,000 |
| Noviembre  | 114,003    | \$5,015,000 | \$0                          | \$342,009,000     | \$10,000           | \$347,034,000 |
| Diciembre  | 124,458    | \$5,075,000 | \$0                          | \$373,374,000     | \$50,000           | \$378,499,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$2,486,308,000 |
| Costo Unitario Promedio | \$17,266        |

## MEDIDAS DE DESEMPEÑO

|                           |       |
|---------------------------|-------|
| Tasa de utilización de la | 3950% |
|---------------------------|-------|



|                                    |          |
|------------------------------------|----------|
| capacidad                          |          |
| Tasa de eficiencia de la capacidad | 3291.67% |
| Colchón de capacidad               | -3850%   |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 12:00 |
| Tiempo de flujo promedio | 39.9 Horas    |
| Retardo                  | 41 Horas      |
| Tardanza media           | 11.3 Horas    |
| Tardanza ponderada       | 384           |