



|            |                                           |
|------------|-------------------------------------------|
| Estudiante | LUISA FERNANDA CADAVID CADAVID (lcadavid) |
| 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      | 884        | \$1,350,000 | \$2,000,000                  | \$2,652,000       | \$0                | \$6,002,000   |
| Febrero    | 3,423      | \$2,700,000 | \$300,000                    | \$10,269,000      | \$0                | \$13,269,000  |
| Marzo      | 7,561      | \$4,050,000 | \$300,000                    | \$22,683,000      | \$0                | \$27,033,000  |
| Abril      | 12,331     | \$4,050,000 | \$0                          | \$36,993,000      | \$0                | \$41,043,000  |
| Mayo       | 15,009     | \$2,700,000 | \$500,000                    | \$45,027,000      | \$0                | \$48,227,000  |
| Junio      | 15,062     | \$1,350,000 | \$500,000                    | \$45,186,000      | \$0                | \$47,036,000  |
| Julio      | 16,057     | \$1,350,000 | \$0                          | \$48,171,000      | \$0                | \$49,521,000  |
| Agosto     | 18,775     | \$2,700,000 | \$300,000                    | \$56,325,000      | \$0                | \$59,325,000  |
| Septiembre | 22,731     | \$4,050,000 | \$300,000                    | \$68,193,000      | \$0                | \$72,543,000  |
| Octubre    | 27,542     | \$4,050,000 | \$0                          | \$82,626,000      | \$0                | \$86,676,000  |
| Noviembre  | 30,083     | \$2,700,000 | \$500,000                    | \$90,249,000      | \$0                | \$93,449,000  |
| Diciembre  | 30,228     | \$1,350,000 | \$500,000                    | \$90,684,000      | \$0                | \$92,534,000  |

|                         |               |
|-------------------------|---------------|
| Costo Total             | \$636,658,000 |
| Costo Unitario Promedio | \$11,053      |

## MEDIDAS DE DESEMPEÑO

|                                     |         |
|-------------------------------------|---------|
| Tasa de utilización de la capacidad | 5481.2% |
|-------------------------------------|---------|



|                                    |          |
|------------------------------------|----------|
| Tasa de eficiencia de la capacidad | 5270.38% |
| Colchón de capacidad               | -5381.2% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |                 |
|--------------------------|-----------------|
| Makespan                 | Miércoles 19:00 |
| Tiempo de flujo promedio | 18 Horas        |
| Retardo                  | 19 Horas        |
| Tardanza media           | 1.9 Horas       |
| Tardanza ponderada       | 19              |