



|            |                                               |
|------------|-----------------------------------------------|
| Estudiante | Valencia Londono Carlos Eduardo (cavalencia8) |
| Jugada No. | 4                                             |
| Participó  | Si                                            |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD    | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|--------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 18,231     | \$25,575,138 | \$3,150,000                  | \$45,577,500      | \$21,000           | \$74,323,638  |
| Febrero    | 35,177     | \$24,154,297 | \$350,000                    | \$87,942,500      | \$0                | \$112,446,797 |
| Marzo      | 52,123     | \$24,154,297 | \$0                          | \$130,307,500     | \$0                | \$154,461,797 |
| Abril      | 69,069     | \$24,154,297 | \$0                          | \$172,672,500     | \$0                | \$196,826,797 |
| Mayo       | 86,015     | \$24,154,297 | \$0                          | \$215,037,500     | \$0                | \$239,191,797 |
| Junio      | 102,961    | \$24,154,297 | \$0                          | \$257,402,500     | \$0                | \$281,556,797 |
| Julio      | 119,907    | \$24,154,297 | \$0                          | \$299,767,500     | \$0                | \$323,921,797 |
| Agosto     | 136,853    | \$24,154,297 | \$0                          | \$342,132,500     | \$0                | \$366,286,797 |
| Septiembre | 153,799    | \$24,154,297 | \$0                          | \$384,497,500     | \$0                | \$408,651,797 |
| Octubre    | 170,745    | \$24,154,297 | \$0                          | \$426,862,500     | \$0                | \$451,016,797 |
| Noviembre  | 187,691    | \$24,154,297 | \$0                          | \$469,227,500     | \$0                | \$493,381,797 |
| Diciembre  | 204,637    | \$24,154,297 | \$0                          | \$511,592,500     | \$0                | \$535,746,797 |

## RESULTADOS PLANEACIÓN AGREGADA

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$3,637,813,405 |
| Costo Unitario Promedio | \$14,787        |



## MEDIDAS DE DESEMPEÑO

|                                     |        |
|-------------------------------------|--------|
| Tasa de utilización de la capacidad | 86.73% |
| Tasa de eficiencia de la capacidad  | 6.29%  |
| Colchón de capacidad                | 13.27% |

## COSTOS DEL PLAN DE REQUERIMIENTO DE MATERIALES (MRP)

| Período              | -5 | -4 | -3 | -2 | -1 | 0 | 1                  | 2           | 3           | 4           | 5           | 6           |
|----------------------|----|----|----|----|----|---|--------------------|-------------|-------------|-------------|-------------|-------------|
| Costos del Insumo    | 0  | 0  | 0  | 0  | 0  | 0 | 4307<br>675.<br>84 | 2694<br>120 | 2694<br>120 | 2694<br>120 | 2694<br>120 | 2694<br>120 |
| Costos de Inventario | 0  | 0  | 0  | 0  | 0  | 0 | 4283<br>98.9<br>2  | 3212<br>22  | 3212<br>22  | 3212<br>22  | 3212<br>22  | 3212<br>22  |
| Costos Totales       | 0  | 0  | 0  | 0  | 0  | 0 | 4736<br>074.<br>76 | 3015<br>342 | 3015<br>342 | 3015<br>342 | 3015<br>342 | 3015<br>342 |