Daily Production Report

Date: 2025-07-14

Shift: Morning (06:00–14:00)

Supervisor: Martina Keller

Plant: PrecisionTech GmbH – Line A / CNC Machining Cell

# Production Summary

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Work Order | Product Name | Qty Planned | Qty Produced | Qty Rejected | Machine Used | Operator | Setup Time (min) | Prod. Time (min) |
| WO-4123 | Spinal Implant Cap | 50 pcs | 47 pcs | 3 pcs | CNC-01 | R. Schneider | 30 | 280 |
| WO-4124 | Valve Housing | 12 pcs | 12 pcs | 0 pcs | CNC-02 | M. Krause | 45 | 160 |
| WO-4125 | Turbine Nozzle | 5 pcs | 5 pcs | 0 pcs | CNC-03 | L. Braun | 50 | 220 |
| WO-4126 | Bone Drill Shaft | 30 pcs | 28 pcs | 2 pcs | CNC-04 | K. Maier | 25 | 200 |

# KPI Summary

|  |  |
| --- | --- |
| Total Work Orders | 4 |
| Total Units Planned | 97 pcs |
| Total Units Produced | 92 pcs |
| Yield Rate | 94.8% |
| Rejection Rate | 5.2% |
| OEE (avg. across cell) | 76.2% |
| Machine Downtime | 35 min total |
| Operator Utilization | 82% |

# Defect Log

|  |  |  |  |
| --- | --- | --- | --- |
| Work Order | Defect Type | Qty | Notes |
| WO-4123 | Burr on thread | 2 | Failed visual QC |
| WO-4123 | Dimensional out of tol | 1 | Length +0.12mm off specification |
| WO-4126 | Surface finish rough | 2 | Tool wear detected during pass |

# Maintenance Notes

- CNC-02 required tool offset recalibration (13 min delay).

- CNC-03 coolant level flagged low – maintenance notified.

- Preventive maintenance due on CNC-04 in 2 days.

# Shift Supervisor Remarks

“Overall a stable shift. Operator efficiency was solid, and issues were contained. Recommend additional burr inspection on Spinal Cap process and review tool wear schedule for Bone Drill Shaft.”

Here is a **fictitious daily production report** for a **High-Mix, Low-Volume (HMLV)** manufacturing environment, such as a precision machining shop producing parts for medical devices and aerospace components.

**📄 Daily Production Report**

**Date**: 2025-07-13

**Shift**: Morning (06:00–14:00)

**Supervisor**: Martina Keller

**Plant**: PrecisionTech GmbH – Line A / CNC Machining Cell

### 🔧 Production Summary

| **Work Order** | **Product Name** | **Qty Planned** | **Qty Produced** | **Qty Rejected** | **Machine Used** | **Operator** | **Setup Time (min)** | **Prod. Time (min)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
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### 📈 KPI Summary

| **KPI** | **Value** |
| --- | --- |
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### ⚠️ Defect Log

| **Work Order** | **Defect Type** | **Qty** | **Notes** |
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