SIMATECH AUTOMATION · INDUSTRY 4.0 WIRE & CABLE DIGITALISATION

# All machines. One operating view.

Demo shift 08:00–16:00 · 8 / 8 running at last illustrative sample · 450 planned production minutes per machine

ILLUSTRATIVE DATASET · NO LIVE CONNECTION

Siemens Authorized Solution Partner · Plant Overview Datasheet

| 74.38% | 85.83% | 510 min | 8,100 kWh | 5 machines |
|---|---|---|---|---|
| **Fleet OEE index** | **Fleet availability** | **Accumulated downtime** | **Electricity** | **Quality release pending** |
| Time-weighted · provisional | 3,090 / 3,600 machine-min | Sum across all 8 machines | Selected machines · shift total | Hold quantities remain separate |

RBD-01 · CU Ø8.00 → 1.74 MM

## Rod Breakdown + Annealer

77.78% OEE — A 87.8% · P 90.0% · Q 98.5%

**420,000 m**
Released first-pass good

18.6 m/s · Stop 55 min · 2,100 kWh
Hold: 1,600 m · Provisional

MWD-01 · 16 WIRES → 0.40 MM

## Multi-wire Drawing + Annealer

80.25% OEE — A 90.0% · P 90.0% · Q 99.1%

**10,400,000 wire-m**
Released first-pass good

28.5 m/s · Stop 45 min · 1,650 kWh
Hold: 30,000 wire-m · Provisional

RST-01 · 240 MM² · 61 WIRES

## Rigid Stranding Line

68.89% OEE — A 82.2% · P 85.0% · Q 98.6%

**12,400 m**
Released first-pass good

32.0 m/min · Stop 80 min · 620 kWh
Hold: 40 m · Provisional

ARM-01 · SWA 64 × 2.00 MM

## Steel Wire Armouring Line

71.70% OEE — A 86.7% · P 84.0% · Q 98.5%

**4,840 m**
Released first-pass good

12.6 m/min · Stop 60 min · 390 kWh
Hold: 24 m · Provisional

INS-01 · CU / PVC INSULATION

## Insulating Line

79.20% OEE — A 88.9% · P 90.0% · Q 99.0%

**42,768 m**
Released first-pass good

116.0 m/min · Stop 50 min · 560 kWh
Quality release complete in sample

SHE-01 · MULTICORE LV PVC

## Sheathing Line

76.27% OEE — A 86.7% · P 88.9% · Q 99.0%

**15,444 m**
Released first-pass good

42.5 m/min · Stop 60 min · 890 kWh
Quality release complete in sample

DT-01 · 3-CORE LAYING-UP

## Drum Twister

70.37% OEE — A 80.0% · P 88.9% · Q 99.0%

**3,800 m**
Released first-pass good

11.4 m/min · Stop 90 min · 240 kWh
Quality release complete in sample

CCV-01 · MV XLPE TRIPLE EXTRUSION

## CCV Line

70.56% OEE — A 84.4% · P 90.0% · Q 92.8%

**6,350 m**
Released first-pass good

18.8 m/min · Stop 70 min · 1,650 kWh
Hold: 300 m · Provisional

**DOWNTIME FOCUS**
**Drum Twister 90 min · Stranding 80 min · CCV 70 min**

**REPORTING BASIS**
A = Availability · P = Performance · Q = Quality · Output remains separate by machine unit

**FLEET OEE CALCULATION**
**2,677.54** good-equivalent min ÷ **3,600** planned machine-min = **74.38%**

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