

**WORKFLOW**

**PRODUCTION**  
**Equipment Maintenance**

**The OpsDog Supply Chain Hierarchy**

- Production
  - Order Management
  - Master Data Management
  - Procurement
  - Materials Management
  - Distribution
- Manufacturing Engineering
- Production Planning
- Manufacturing & Assembly
- Quality Control
- Equipment Maintenance**
  - Equipment Maintenance

www.OpsDog.com | info@OpsDog.com | Phone: 201.526.1200 | www.TheLabConsulting.com

**Equipment Maintenance: Workflow**

- A Scheduled Maintenance
- B Ad-Hoc & Emergent Maintenance

**Workflow Description**

The scheduling and execution of preventative maintenance for equipment used in the manufacturing process. Includes scheduling, equipment availability assessment, rescheduling (if required), testing and documentation.

**Legend**

- Start Event
- Intermediate Event
- End Event
- Gateway
- Group
- Task
- Expanded Sub-Process
- Pool
- Sequence Flow
- Message Flow

**Operations**

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**Production: Equipment Maintenance Workflow [BPMN 2.0]**

**Scheduled Maintenance**

```

    graph LR
      Start(( )) --> T1[Generate preventive maintenance schedule]
      T1 --> T2[Compare maintenance schedule and check for availability]
      T2 --> T3[Create a list of daily preventative maintenance tasks based on the schedule]
      T3 --> T4[Daily maintenance schedule created]
      T4 --> T5[Reschedule date/time for maintenance]
      T4 --> T6[Work with Production staff to determine date/time of availability]
      T5 --> T7[Maintenance staff prioritizes workload based on urgency, availability]
      T6 --> T7
      T7 --> End((( )))
  
```

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