

**opsdog**

**WORKFLOW**

**PRODUCTION**  
**Materials Mixing**

**BPMN 2.0 EDITOR**

**The OpsDog Supply Chain Hierarchy**

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

**Components Preparation: Workflow**

- Materials Allocation
- Mixing Operation

**Workflow Description**

The allocation of raw materials based on production schedules and inventory availability, and the subsequent testing and mixing of those materials in preparation for the manufacturing process.

**Legend**

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

**THE LAB**

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**Production: Materials Mixing Workflow [BPMN 2.0]**

**Shared Services**

**Materials Allocation**

```

    graph LR
      Start(( )) --> Task1[Operation schedule is received]
      Task1 --> Task2[Raw Materials are obtained based on the schedule]
      Task2 --> Task3[Reviews materials inventory and availability]
      Task3 --> Task4[Schedule is re-adjusted based on materials availability]
      Task4 --> Task5[Mixing Schedule sent to production floor]
      Task5 --> End(( ))
  
```

**Production**

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