```
                    ┌─────────────────────────┐
                    │ Customer & Internal      │
                    │ Requirements             │
                    └─────────────────────────┘
                               │
                    ┌─────────────────────────┐
                    │          DEV            │
                    └─────────────────────────┘
                               │
                    ┌─────────────────────────┐
                    │  Contract Review         │
                    │  Meeting                 │
                    └─────────────────────────┘
                       │                    │
            ┌──────────────────┐   ┌──────────────────────┐
            │ Prepare Project  │   │ Start Up Meeting:    │
            │ Plan             │   │ Assign resources,    │
            └──────────────────┘   │ review input         │
                    │              └──────────────────────┘
         ┌──────────────────┐    ┌───────────────────────┐
         │ First Review to  │───→│ Design Activities:    │
         │ approve Plan     │    │ prepare drawings, Bill│
         └──────────────────┘    │ of materials (BOM),   │
                    │            │ test specs etc.       │
         ┌──────────────────┐    └───────────────────────┘
         │ Verification     │         │
         │ Activities per   │    ┌──────────────────┐
         │ Plan             │    │ Verification     │
         └──────────────────┘    │ Activities       │
              │                  └──────────────────┘
         ┌──────────────────┐      │ Pass
         │ Validation       │    ┌──────────────────┐
         │ Activities per   │    │ Validation       │
         │ Plan             │    │ Activities       │
         └──────────────────┘    └──────────────────┘
              │                      │ Pass
         ┌──────────────────┐    ┌──────────────────┐
         │ Review(s) of     │    │ Release Data for │
         │ output against   │    │ procurement &    │
         │ Plan             │    │ prototype/1st off│
         └──────────────────┘    │ test build       │
                                 └──────────────────┘
```

Key:
DEV – Development,
BOM – Bill of Materials,

(Flowchart nodes — transcribed text)

- Customer & Internal Requirements
- DEV
- Contract Review Meeting
- Prepare Project Plan
- Start Up Meeting: Assign resources, review input
- First Review to approve Plan
- Design Activities: prepare drawings, Bill of materials (BOM), test specs etc.
- Verification Activities per Plan
- Verification Activities — **Pass** / **Fail**
- Validation Activities per Plan
- Validation Activities — **Pass**
- Review(s) of output against Plan
- Release Data for procurement & prototype/1st off test build
- Purchasing
- Materials Control
- Production Control
- Prototype/1st off Verification Activities — **Pass**
- Prototype/1st off Validation Activities — **Pass** / **Fail**
- Final Design Approval — **Pass**
- Release final documents & data
- Release to Production Control