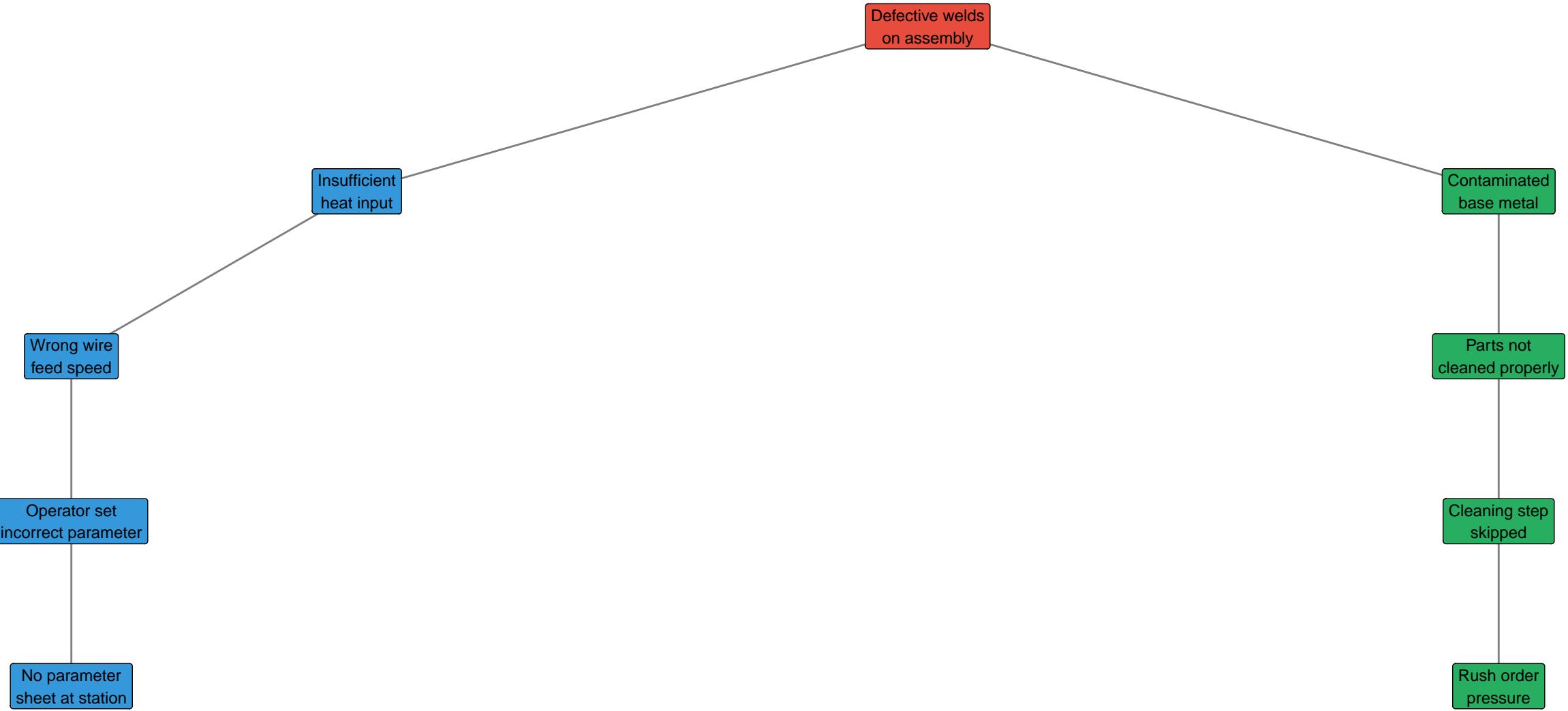# Branching 5 Whys Analysis

When multiple causes exist, analyze each branch separately

```
                          Defective welds
                            on assembly
                    /                          \
          Insufficient                      Contaminated
          heat input                         base metal
          /                                       |
   Wrong wire                                  Parts not
   feed speed                               cleaned properly
      |                                          |
   Operator set                              Cleaning step
   incorrect parameter                         skipped
      |                                          |
   No parameter                               Rush order
   sheet at station                            pressure
```

Root Cause A:
parameter documentation

Root Cause B:
Schedule pressure affecti