

Work Order BUILD-1

Pine Assembly Workshop, fictional work order for parser testing

Work order	BUILD-1
Part	DESK Desktop kit
Quantity	2
Status	planned
Due date	2026-09-10
Lot number	LOT-2026-0912
Drawing	DRW-LEG-002 revision C
Routing operations	5
Total time	30 minutes, 10 setup and 20 run
Labour rate	37.00 USD an hour
Overhead	60 percent of labour
Order cost	80.00 USD

Fictional manufacturing and quality records generated for file-parsing tests. No part was made, no measurement was taken, and the drawing, lot and certificate references are invented.

Materials to issue

Part	Description	Quantity	Unit cost USD	Value USD
LEG	Leg	8	3.00	24.00
PANEL	Panel	2	12.00	24.00
SCREW	Screw	24	0.10	2.40
	Total			50.40

Routing

Operation	Description	Work centre	Setup min	Run min per unit	Total min
OP-10	Cut and prepare legs	Saw bench	4	3	10
OP-20	Assemble base	Assembly bench 1	3	3	9
OP-30	Assemble top	Assembly bench 2	2	2	6
OP-40	Final assembly and test	Test bench	1	1	3
OP-50	Pack and label	Packing bench	0	1	2
	Total		10	10	30

Cost

Line	Component	Basis	Amount USD
1	Material issued at standard	2 units at 25.20 of leaf material	50.40
2	Direct labour	30 minutes at 37.00 an hour	18.50

Line	Component	Basis	Amount USD
3	Overhead absorbed	60 percent of line 2	11.10
4	Conversion cost	line 2 plus line 3	29.60
5	Total order cost	line 1 plus line 4	80.00
6	Standard cost of the output	2 units at 40.00	80.00
7	Variance	line 5 less line 6	0.00

Inspection

The legs on this order are inspected against DRW-LEG-002 revision C to the characteristics in inspection-characteristics.csv. One characteristic fails on one sample and is raised as a nonconformance, so this order ships with a concession recorded rather than a clean pass.