

Manufacturing Accounting 9.1

Updated for User Interface 9.2

Contents

Introduction	7
Product Costing and Manufacturing Accounting Process Overview	9
General Process Flow	9
Descriptions of Major Activities	10
Rolling/Freezing Costs	10
Releasing Work Orders	10
Recording Work Order Activity	10
Accounting for Work Order Activity	10
Analyzing Variances	10
Accounting for Variances	10
Costing / Manufacturing Accounting Navigation	10
Getting Signed In	10
Sample Data	13
Basic Product Costing and Manufacturing Accounting Steps	16
Product Costing Overview	17
Step 1 – Review Finished Good Item Information	18
Stocking Type	19
G/L Class	19
Inventory Cost Level	19
Accounting Cost Quantity	22
Shrink Factor/Method	23
Item Cost Ledger Information	23
Step 2 – Review Bills of Materials	24
Step 3 – Review Item Cost Methods	27
Step 4 – Review Purchase Item Costs	29
Step 5 – Simulate Standard Costs	32
Step 6 – Review Work Center Information	52
Step 7 – Review Routing Information	57
Operation Sequence Number	59
Setup / Run / Machine Hours	59
Step 8 – Re-Roll Standard Costs	65
Step 9 – Freeze Standard Cost	66
Manufacturing Accounting Review	73

Step 10 – Work Order Release	74
Step 11 – Super Backflush Material and Labor	80
Step 12 – Post Journal Entries for Work Order Activity	88
Step 13 – Review Variances	98
Step 14 – Post Journal Entries for Variances	100
Conclusion	104
Master File Setup	105
Item Information	105
Item Master Types	105
Item Numbering	107
Stocking Types	109
G/L Class Code	111
Units of Measure	114
Cost Level	116
Category Codes	119
Manufacturing / Additional Information	120
Accounting Cost Quantity	122
Shrink Factor/Method	122
Maximum / Minimum / Multiple Order Quantities	122
Purchased Item Costs	124
Components of Purchased Item Costs	124
Loading Future Costs for Simulation	125
Master File Information – Cont'd	135
Bill of Material	135
Work Center Master	139
Work Center Rates	143
Item Routing	145
Master File Set Up Review	147
System and Application Setup	149
Introduction	149
System Setup	150
Branch Plant Constants	150
Manufacturing Constants	158
Cost Methods	163
Cost Components	165
Outside Processing Operations Using Work Orders	167
Exercise – Outside Processing Work Order	174
Process Work Order	176
Review Related Order Information	180
Add-On Cost Factors	190
Automatic Accounting Instructions	198
Review	198
Perfect Product Costing	199

Cost Detail vs. Cost Ledger	199
The Cost Roll Up Process	201
Data Integrity Checks	201
Cost Simulation	214
Reviewing the Simulation Results	218
Frozen Cost Update	222
Revaluation Analysis	225
Copy Future Costs to Standard	229
Freeze Standard Costs	233
Freeze Verification	244
Re-Costing Open Orders	248
Re-Costing Open Work Orders	248
Re-Costing Open Sales Orders	249
Re-Costing Open Purchase Orders	249
Re-Costing Open Receipts	250
Revaluation of Open Transfer Orders	250
Product Costing in a Multi-Branch Environment	250
Copy Future Costs to Other Branches	251
Freeze Costs in Other Branches	256
Conclusion	265
Mastery-Level Manufacturing Accounting	267
General Accounting Flow	268
Manufacturing Accounting Information Flow	269
Accounting for WO Activity	271
Document Types for Activity Entries	271
Manufacturing Accounting AAls for Activity	272
Accounting for Work Order Variances	278
Types of Variances	278
Manufacturing Accounting Process	282
Case – Internal Production w/ Material Variance	284
Order Release	284
Review of Standard and Current Costs	287
Review of Planned and Actual Costs	289
Work Order Completion Costs	296
Journal Entry Review	296
Review Work Order Variances	299
Create Journal Entries for Variances	302
Review of Accounting Entries for Variances	303
Case – Internal Production with Scrap at Completion	305
Order Release	305
Record Work Order Activity	307
Process Work Order Activity	312
Review Work Order Variances	312
Case – Internal Production with Quantity Variance	316

Order Release _____	316
Record Work Order Activity _____	318
Process Work Order Activity _____	320
Review Work Order Variances _____	320
Case – Outside Processing _____	325
Order Release _____	326
Process Work Order _____	327
Review Related Order Information _____	328
Review of Standard and Current Costs _____	332
Record Purchase Order Receipt Activity _____	332
Review Work Order Routing Activity _____	334
Processing Work Order Activity _____	337
Review Planned and Actual Costs _____	337
Journal Entry Review _____	338
Outside Processing Accounting Verification / Setup Correction _____	340
Outside Processing Setup Change _____	347
Work Order with New Accounting _____	355
Case – Outside Processing Purchase Price Variance _____	361
Review _____	367
Actual Costing _____	369
Introduction _____	369
Sample Data _____	369
Product Definition for Actual Cost _____	370
Bill of Material _____	370
Item Routing _____	371
Item Setup _____	372
Actual Cost Examples _____	379
Actual Quantities at Standard Cost _____	379
Actual Materials at Average Actual Cost _____	407
Actual Material plus Labor at Actual Cost _____	422
Conclusion _____	450
Appendix I: Lab Exercise – Item 2207 Cost Cleanup _____	451
Introduction _____	451
Revising Item Costs _____	452
Step 1 – Clear Existing Costs _____	452
Step 2 – Change Bill of Material _____	455
Step 3 – Re-Roll with BOM Changes _____	457
Step 4 – Re-Set Bill of Material _____	459
Step 5 – Re-Roll with Scrap Factor _____	460
Step 6 – Freeze Simulated Costs _____	461
Work Order Processing _____	463
Step 1 – Create Work Order Header _____	463
Step 2 – Process Work Order (Batch) _____	464
Step 3 – Verify Routing Pay Points _____	466
Step 4 – Super Backflush _____	467

Journal Entry Creation for Activity	469
Step 1 – Run Journal Entry Creation Program	469
Step 2 – Review Journal Entries for Work Order	472
Step 3 – Validate Amounts for Activity Entries	474
Review/Post Work Order Variances	477
Step 1 – Validate Variance Calculations	477
Step 2 – Create Journal Entries for Variances	478
Step 3 – Verify Accounting Entries for Variances	479
Appendix II: Lab Exercise – Modify Cost by Work Center Efficiency	483
Introduction	483
Set Work Center Efficiency	485
Simulate Costs	487
Re-Set Costs	490
EnterpriseOne 9.2 User Interface	491
Introduction	491
Queries	492
Sharing User Defined Objects	493
One View Watchlists	494
Grid Formats	497
Composite Application Framework (aka CafeOne)	498
Personal Forms	503
EnterpriseOne Search	505
Images	507
EnterpriseOne Pages	509
Attachments via Side Panel	515
UX One	515
Summary	516