

## THE OPENREFERENCE INITIATIVE

We are a global community of volunteers dedicated to developing and sharing a standard language to describe business processes, metrics, and other business terminology. We believe in sharing openly so that anyone can build on our work.

## THIS IS OPEN KNOWLEDGE

Knowledge is open if anyone is free to access, use, modify, and share it — subject to measures that preserve provenance and openness:

- Open Knowledge is accessible to everyone free of charge (and without identification)
- Open Knowledge is published in all its details
- Open Knowledge is developed by volunteers through due process
- Open Knowledge permits unlimited usage and redistribution when attributions are made

Open Reference is knowledge licensed under the Creative Commons Attribution Share Alike 4.0 International License.



Folding Instructions



- Participate:
- [ORwiki.org](https://orwiki.org)
  - [dev.ORwiki.org](https://dev.orwiki.org)
  - [@ORwiki](https://twitter.com/ORwiki)



<b>DP Dependability</b>	DP1 Perfect Order Ratio	DP11 Order Damage Free Ratio
		DP12 Orders Defect Free Ratio
		DP13 Orders On-time Ratio
		DP14 Orders In-full Ratio
		DP15 Error-free Documentation Ratio
<b>RS Responsiveness</b>	RS1 Order Cycle Time	RS11 Planning Frequency
		RS12 Deliver Cycle Time
	RS2 Order Fill Rate	RS13 Make Cycle Time
		RS14 Sourcing Cycle Time
<b>CO Cost</b>	CO1 Supply Chain Costs	RS21 Stock Out Ratio
		RS22 Order Processing Delays
		CO11 Cost of Goods Sold
<b>AE Asset Efficiency</b>	AE1 Cash Conversion Cycle	CO12 Distribution Costs
		CO13 Other Operational Expenses
<b>SD Sustainability</b>	SD1 Environmental Sustainability Ratio	AE11 Days Receivables Outstanding
		AE12 Days of Inventory
		AE13 Days Payables Outstanding
		AE21 Gross Fixed Assets
		AE22 Asset Depreciation Ratio
		SD11 Intake Sustainability Ratio
		SD12 Recovery Ratio
		SD13 Output Sustainability Ratio

# SUPPLY CHAIN OPERATIONS

## QUICK REFERENCE CARD 2023 EDITION

P Plan				S Source					M Make				D Deliver				
P1 Plan Supply Chain Operations	P2 Plan Source	P3 Plan Make	P4 Plan Deliver	S0 Strategic Sourcing	S1 Source-To-Replenish	S2 Source-To-Order	S3 Source-To-Engineering Order	S4 Source Return	M1 Make-To-Stock	M2 Make-To-Order	M3 Make-To-Engineering Order	M4 Re-Make	D1 Deliver-From-Stock	D2 Deliver-To-Order	D3 Deliver-To-Engineering Order	D4 Deliver Return	D5 Deliver Subscription
P101 Gather Demand Forecast	P201 Gather Sourcing Demand	P301 Gather Demand for Make	P401 Gather Delivery Demand	S001 Identify Requirements	S101 Create Schedule	S201 Create Order	S301 Identify Supply Sources	S401 Process Return Inquiry	M101 Create Schedule	M201 Create Order	M301 Create Project Order	M401 Create Work Order	D101 Process Inquiry	D201 Process Inquiry	D301 Receive Request for Proposal	D401 Inquire	D501 Create (Re-) Order
P102 Validate Demand Forecast	P202 Gather Inventory & Schedule	P302 Gather Inventory & Schedule	P402 Gather Delivery Inventory	S002 Analyze Supply Market	S102 Receive	S202 Create Schedule	S302 Negotiate & Award	S402 Create Return Authorization	M102 Issue, Stage Materials	M202 Schedule Make Orders	M302 Complete Order Engineering	M402 Schedule Work Orders	D102 Create Order	D202 Validate & Create Order	D302 Develop & Present Proposal	D402 Request Return Authorization	D502 Route Order
P103 Gather Supply (Resources)	P203 Calculate Sourcing Plan	P303 Calculate Production Plan	P403 Calculate Delivery Plan	S003 Develop Sourcing Strategy	S103 Unload	S203 Receive	S303 Create Order	S403 Receive	M103 Produce	M203 Issue Materials	M303 Schedule Resources	M403 Issue Product	D103 Reserve Inventory	D203 Route & Schedule Order	D303 Create Project Order	D403 Schedule Transport	D503 Confirm Order
P104 Balance Supply & Demand	P204 Publish Sourcing Plan	P304 Publish Production Plan	P404 Publish Delivery Plan	S004 Identify Supply Sources	S104 Inspect	S204 Unload	S304 Receive	S404 Unload	M104 Inspect	M204 Produce	M304 Issue Resources	M404 Examine	D104 Schedule Transport	D204 Schedule Transport	D304 Schedule Project Resources	D404 Receive Settlement	D504 Record Delivery/ Enablement
P105 Develop Supply Chain Plan	P205 Analyze Sourcing Plan Deviations	P305 Analyze Make Plan Deviations	P405 Analyze Delivery Plan Deviations	S005 Tender	S105 Put Away	S205 Inspect	S305 Unload	S405 Inspect, Examine	M105 Package	M205 Inspect	M305 Produce	M405 Issue Material	D105 Invoice	D205 Invoice	D305 Schedule Delivery & Installation	D405 Pick	D505 Create Consolidated Invoice
P106 Publish Supply Chain Plan				S006 Negotiate	S106 Transfer	S206 Put Away	S306 Inspect	S406 Put Away	M106 Dispose	M206 Package	M306 Inspect	M406 Recondition, Repair, Remake	D106 Receive & Store	D206 Receive & Stage	D306 Invoice	D406 Pack	
P107 Analyze Supply Chain Plan Deviations				S007 Award Contract	S107 Approve Payment	S207 Transfer	S307 Put Away	S407 Transfer	M107 Transfer	M207 Dispose	M307 Package	M407 Inspect	D107 Pick	D207 Pick	D307 Receive & Stage	D407 Load	
						S208 Approve Payment	S308 Transfer	S408 Settle Return		M208 Transfer	M308 Dispose	M408 Repackage	D108 Pack	D208 Pack	D308 Pick	D408 Ship	
							S309 Approve Payment				M309 Transfer	M409 Dispose	D109 Load	D209 Load	D309 Pack		
											M410 Transfer		D110 Ship	D210 Ship	D310 Load		
															D311 Ship		