

DPMO Calculation Log

Defects Per Million Opportunities

Record units, opportunities and defects, then apply the formula for a comparable defect rate.



Also available digitally
This checklist can also be completed on a **phone, tablet or PC** in flowdit. Add photos, notes and actions to each item, and generate the report automatically.
Scan to open · flowdit.com

Process / line		Date	
Recorded by		Sample period	

Formula: $DPMO = (Total\ Defects) \div (Units \times Opportunities\ per\ Unit) \times 1,000,000$

Sample records

#	Batch / sample	Units	Opp. per unit	Defects	DPMO
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Define what counts as a defect from the customer's point of view before you start.

Acceptance decision

Rule: base DPMO on stable, consistent processes; use expected defects, not just observed ones.

Total units: _____ Opportunities/unit: _____ Total defects: _____

Total opportunities: _____ DPMO result: _____

Recorded by

Quality lead

Name / Signature / Date

Name / Signature / Date