

Guideline ID	Guideline Name	Tool Name				
		BEBoP	Signavio	MagicDraw	Bizagi	Camunda
1	Validate models	yes	yes	yes	yes	yes
2	Minimize model size	yes	yes			
3	Apply hierarchical structure with sub-processes	yes	yes			
4	Apply symmetric modeling					
5	Highlight the "happy path"					
6	Minimize concurrency					
7	Model loops via loop activities	yes				
8	Provide activity descriptions	yes	yes	yes		
9	Minimize gateway heterogeneity	yes				
10	Use pools consistently	yes	yes			
11	Use lanes consistently	yes				
12	Use start and end events explicitly	yes	yes		yes	yes
13	Use start events consistently	yes				
14	Use end events consistently	yes		yes		
15	Restrict usage of terminate end events	yes				
16	Use explicit gateways	yes	yes	yes		
17	Mark exclusive gateways	yes				
18	Split and join flows consistently	yes	yes			
19	Balance gateways	yes	yes			
20	Use meaningful gateways	yes	yes			
21	Minimize inclusive OR gateways	yes				
22	Use default flows	yes				
23	Use messages consistently					
24	Use message flows	yes		yes		
25	Use task types consistently					
26	Document minor details					
27	Use a labeling convention					
28	Labelling pools	yes	yes	yes	yes	yes
29	Labelling lanes	yes	yes			
30	Labelling activities	yes	yes	yes	yes	yes
31	Labelling events	yes	yes		yes	
32	Labelling start and end events	yes	yes			
33	Labelling message event	yes	yes			
34	Labelling XOR gateway	yes	yes		yes	
35	Labelling AND gateways	yes				
36	Labelling converging gateways	yes				
37	Labelling data objects	yes	yes			
38	Labelling synchronised end/split					
39	Include loop marker annotations	yes		yes		
40	Reduce the number of redundant activities					
41	Use sub-processes					
42	Use sub-processes to scope attached events					
43	Design neat and consistent models					
44	Avoid overlapping elements		yes		yes	yes
45	Use linear sequence flows	yes	yes			
46	Use linear message flows	yes	yes			
47	Use a consistent process orientation	yes	yes			
48	Organize artifacts flows					
49	Associate data objects consistently					
50	Keep a standard format					
	Total	34	22	8	7	5