

TOOLKIT MAP

IAMC methodological company guide	1 Get started	2 Assess chemicals management hotspots & customer unmet needs	3 Generate Innovative Options					4 Select options	5 Implement & monitor	6 Review & continuously improve
			Optimized process technologies	Improved techniques	Chemical substitution	Occupational health & safety	Accident prevention & response			
Technical resources										
C_TRP 1 Green Chemistry and chemical process improvement										
C0 TRP 1 Overview	x	x	x	x	x	x	x	x	x	
C1 Green Chemistry		x		x	x	x	x	x		
C11 1 Introduction to Green Chemistry techniques				x	x	x	x	x		
C12 1 Substitution of chemicals		x			x	x	x	x		
C13 1 Secondary raw materials		x			x			x		
C2 Chemical Process Improvement	x	x	x	x	x	x	x	x	x	
C21 1 Resource efficiency benchmarks		x	x	x				x		
C21 2 Good practice overview		x	x	x	x	x	x			
C22 0 Introduction to cleaning	x	x		x						
C22 1 VOC abatement techniques		x	x	x		x				
C22 2 VOC substitution techniques		x	x		x	x				
C22 3 Cleaning in place		x	x		x	x		x		
C22 4 Product recovery		x	x	x					x	
D_TRP 2 Hazard Management										
D0 TRP 2 Overview		x			x	x	x	x	x	x
D1 Risk Identification and Safety		x			x	x	x	x		
D11 1 Chemical classification and labelling		x				x	x	x		
D11 2 Safety data sheets		x			x	x	x	x		
D12 1 Risk assessment		x				x	x	x		
D13 1 Safety rules		x				x		x		
D14 1 Personal protective equipment		x				x		x		
D15 1 Skin protection		x				x		x		
D16 1 Emergency escape ways		x				x		x		
D17 1/2 Solvents, acids, bases handling		x				x		x		
D18 1 Safety in gas tank handling		x				x		x		
D2 Transport and Storage		x				x	x	x		
D21 1 Internal transport of chemicals		x				x	x	x		
D22 1 Internal pedestrian routes		x				x	x	x		
D23 1 Storage of hazardous materials		x				x	x	x		
D3 Fire and Explosion Protection		x				x	x			
D31 1 Fire protection		x					x			
D32 1 Fire protection in welding and cutting operations		x				x	x			
D33 1 Explosion protection		x					x			
D34 1 Container cleaning		x				x	x			
D4 Emergency Response		x				x	x	x	x	x
D4 1 Emergency Response		x				x	x	x	x	x
D5 Checklists						x	x	x	x	
E_TRP 3 Operational Excellence										
E0 TRP 3 Overview		x	x	x						x
E11 1 Introduction to Operational Excellence				x						x
E12 1 Value stream mapping in the chemical industry		x	x							x
E13 1 Production planning & optimization			x	x						x
Sector Guidelines										
G1 Textile Finishing			x	x	x			x	x	
G2 Paint and Varnishes Formulation			x	x	x			x	x	
G3 Paint Application			x	x	x			x	x	
G4 Synthesis of Polymers			x	x	x			x	x	