

# Chemical Process Flow Diagram Review Checklist

## Project Information

Project Name		Date	
Reviewer		Document No.	

### 1. General

Checklist Item	Yes	No	Remarks
All process streams are clearly identified with unique numbers			
Legend and symbols used are standard and defined			
Flow direction is indicated throughout the diagram			

### 2. Process Streams

Checklist Item	Yes	No	Remarks
Major process streams are included and identified			
Physical properties (phase, temperature, pressure, flowrate) indicated			
Utility and waste streams are shown			

### 3. Equipment

Checklist Item	Yes	No	Remarks
All major equipment is labeled with numbers/tags			
Equipment types and capacities are indicated where relevant			
Paths for major recycle and bypass streams are shown			

### 4. Process Conditions and Control

Checklist Item	Yes	No	Remarks
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Key operating conditions are shown			
Major control loops and instrumentation are indicated			
Safety, relief, and shutdown systems are identified			

**5. Additional Comments**

<b>Comments and Observations</b>