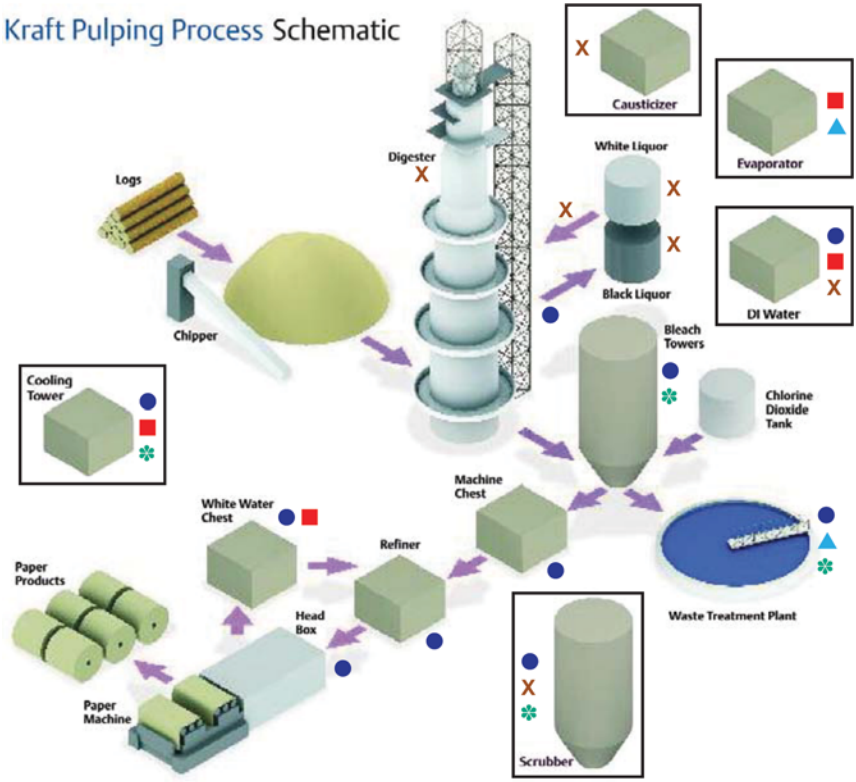
Kraft Pulping Process Schematic



Stages \ Measurements	pH	C	T	DO	ORP
Digester Cooking Liquor			X		
White Liquor to digester			X		
Brownstock Washing/Black Liquor	●		X		
Evaporator/Condensate Purity		■		▲	
Causticizer Alkali			X		
Headbox pH	●				
Whitewater Chest	●		X		
Pulp Stock Prep	●				
Bleach Tower	●				✽
Cooling Tower	●	■			✽
Wastewater	●			▲	✽
Scrubber	●		X		✽
DI water plant	●	■	X		

PN QRC005

ROSEMOUNT® Analytical

EMERSON. Process Management

Kraft Pulping
Measurement Solutions

STAGES	SENSOR	USAGE
Digester Cooking Liquor	242-04-SS-A4-F4	1 per digester
White Liquor to digester	228-02	1 per digester
Brownstock Washing	228-02, 396R-10	1 per stage
Evaporator/Condensate Purity	400-11, 499A	multiple
Causticizer Alkali	228-02	1 per tank
Headbox pH	396R-10	1 per PM
Whitewater Chest	396R-10, 228-02	1 per PM
Pulp Stock Prep	396R-10	1 per chest
Bleach Tower	398R-10-32	1 per stage
Cooling Tower	399, 400	1 per tower
Wastewater	399, 400, 499A	multiple
Scrubber	228-02, 396R-10	1 per scrubber
DI water plant	320HP, 400, 228	multiple

242

228

396R/398R

400

228
Retractable

499A

Xmt

320HP

54e

5081

399