



**NOTES:**

PROCESS AND INSTRUMENTATION DIAGRAM FOR WPS-P SERIES ELECTROCHLORINATORS.

DEMAND FOR THE PROCESS IS TRIGGERED BY A FALLING LEVEL IN THE PRODUCT TANK. THIS CAN BE DETECTED BY ONE OF TWO METHODS:

OPT1:  
DUAL INTRINSICALLY SAFE LEVEL SWITCHES SITUATED WITHIN THE PRODUCT TANK.

OPT2:  
A 0-10 VDC PRESSURE LEVELSENSOR TO OFFER A CONTINUAL FEEDBACK OF TANK LEVEL.

**KEY:**

- SATURATED BRINE
- SOFTENED WATER
- ELECTROLYTE SOLUTION
- FORCED VENTILATION

IDENT	QTY	DESCRIPTION
WFS 01	1	WATER FLOW SWITCH
SOV 01	1	WATER FLOW SOLENOID
AFS 01	1	QUANTATIVE AIRFLOW SENSOR
PS 1	1	PRESSURE LEVEL SENSOR
TLS 01	1	START TANK LEVEL SWITCH
TLS 02	1	STOP TANK LEVEL SWITCH

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Designed by	Checked by	Approved by	Date	Date
			19/12/2014	19/12/2014
			<b>TYPICAL SCHEMATIC / P&amp;ID</b>	
			WPS-P Series	Edition 0