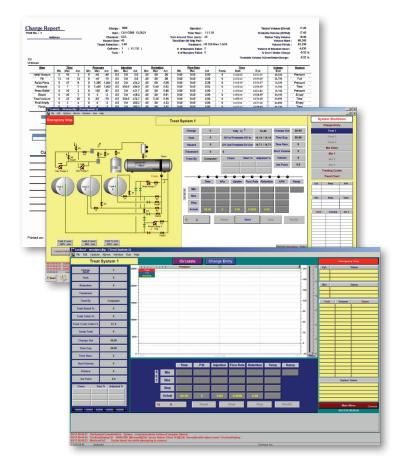
Process Control System



Have greater control over your operation!



Designed and developed by Koppers engineers, the Koppers Process Control System (PCS) has been designed to meet the requirements of customers who demand the highest level of process control and information management.

- Better manage your treatment costs
- Produce management reports
- Interface with your accounting system

PCS KEY FEATURES

- The Koppers PCS can be fully customised to suit your unique operation
- Full automation or manual override
- Detailed charge by charge information including reconciliations
- Detailed process information
- Interface with inventory control and accounting systems
- Security and access protocols
- PCS can manage up to three treating cylinders simultaneously
- Phone support and remote log-in
- Flexible system allows new formulations and or process cycles to be added or modified at any time
- Automated backup system
- Data search function

Koppers PCS is suitable for use with all Koppers high and low pressure preservative systems including:













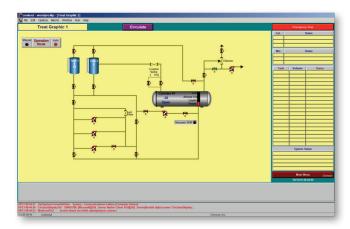


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Process Control System



Have greater control over your operation!



Example of a treatment charge in progress

Min 0 13	Time Max 10	Art	_			Charge: 1668 Date: 1321/1200 13:28:21 Cheerical: CDA Hazer Cless 1/3 Target Residents: 50 Cylinder: 1 (-61,100) Tank: 1					Operator: Total Times: 151.19 Turn Arrord Time (n)e(s): 25 Translated Of the Padi: Translated His pide: Translated His 200 lines 1.64% # of Georgian Translated # of Georgian Fillings 0 Translated Translated Times 0 Translated Translated Translated Translated						Treatable Volume (DVour) Treatable Volume (DVour) Timbre Taily Volume Volume Start Volume Finish Volume of Solution Used: % Over / Under Charge ble Volume %OverfunderCharge:		art: 60,260 lsh: 63,330 ld: 4,930 rge -8,321
13	Max			Pressur		_	Injection			Retentio	90		Flow Rate	_		Time		Volume	Reason
13			Nin	Max	Act	Min	Max	Act	Min	Max	Act	Min	Max	Act	Ramp	Start	End	End	
		3	0	-45	-45	0.0	0.0	0.0	.60	.00	.00	0.00	0.00	0.00	0	13:28:29	13:31:35	68,260	Pressure
	14	13	0	-45	-15	0.0	0.0	0.0	.00	.00	.00	0.00	0.00	0.00	0	13/31:13	13:44:19	23,760	Full
-	15	8 7	- 6	1,390	1,404	0.0	450.0	454.2 494.0	.00	5.40	6.62	0.00	0.00	0.28	0	13:54:19	19:52:57	15,220	Pressure Time
-0	10	-2	0	100	97	0.0	0.0	421.7	.00	.00	5.65	0.00	9.00	0.02	-1-	13:52:38	14:01:44	15,760	Pressure
	30	7	0	100	-2	0.0	0.0	4483	.00	.00	6.01	0.00	000	0.00	-0	14.01:44	14:00:44	60,460	Empty
																			Time
																			Empty
0	2	-2	0	-5	-2	0.0	0.0	283.3	.00	.00	3.97	0.00	0.00	0.00	-0-	14:37:17	14:39:40	63,330	Time
	_	-	Sele	tion Ban	rent	-	-	Total	of Action	w More		_		Refere	lon			Arrest	
			Start		Finish		Start		Finish	A. I. Carrie	Used			Gouge	Treat	able Vel Ret.	Min Reto	n Wood	
																	-	-	
	Totals:	1	40%		1.37 %		956												
	Addition	A feet							000		88		3.97	0.00	_	5.06	5.40		_
		TAKE .			_		_				88		-	Autometic /	dix informe	tion			
		100	Sol	lution %					Chemic		**	Current 1	Value	Autometic / Target Valu	dix informa	tion Required	Acts		Difference
			\$01	Wm %						r	88	Current)	-	Autometic /	dix informa	tion		Rres.	Difference Rires. lives.
er:			so Pkt#		Refer	ence	E	Des	Chemic	,	**	Current)	Walan Rres	Latometic / Target Val.	dix informa	Required Responses litres.	Actu	Rres.	Rres.
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Example of a charge sheet

High Quality Components...
are used to automate your treatment plant.

Two PC's ...

are used in a network, in case one PC fails the other one can continue to run your plant.

- Uninterrupted Power Supply (UPS) and surge protection ... is always installed to minimise interruption.
- User friendly ... and easy to learn interface.
- Safety system ... logs all plant actions and alarms.
- Emergency notification ... with telephone or paging system.
- Automatic top up mix system ...
 calculates chemical additions then controls the
 additions with a single button click.
- Tank circulation can be automated ...
 can be left running as it will pause when the tank
 is in use for treating.
- Allows easier troubleshooting of hardware problems.

Training and ongoing support:

On-site training will be supplied by your Koppers® Territory Manager. Back-up and support is just a phone call away as most questions should be able to be dealt with over the phone.

Our representatives are also able to provide on-site assistance during our service calls.



Telephone 1800 088 809

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