

VCM STEL (Short Term Exposure Limit) Monitoring

Turnaround Maintenance Activities- General Mechanics/Helpers and Plant Utility- Vinyl

Date: Aug. 2000

Date	Employee	Activity	Time (mins)	Results ¹ (ppm)
8/24/00	Justin Sanders	Opening EX-129	3	6.4
8/24/00	Ricky Hollis	Removing valve from VCM line (EX-129)	5	18
8/24/00	Luke Threadgill	Blanking drain lines- S. VCM Receiver	14	<0.31
8/24/00	John Paul Blaylock	Opening Manway to S. VCM Receiver	8	28

An area sample taken at the manway of the S. VCM Receiver while the unit was cleared of employees returned a result of 25 ppm.

December '99 Turnaround

Date: Dec. 1999

Date	Employee	Activity	Time (mins)	Results ¹ (ppm)
12/4/99	Morgan, Jimmy	Blanking VCM Line-R744	20	0.07
12/4/99	Franks, Freddie	Blanking VCM Line-R745	20	0.14
12/4/99	Franks, Freddie	Blanking Recovery Valve-R743	12	0.25
12/4/99	Howell, Lee Roy	Blanking VCM Line-R746	15	0.13
12/4/99	Parson, Willie	Blanking Lines-N Knockout TK	12	1.4
12/7/99	Staten, Tommy	Valve Work-Old Unit Fresh VCM	7	7.7

¹ The OSHA-STEL for Vinyl Chloride Monomer is 5 ppm for a 15 minute period