Fugitive Emissions

Method: U.S. EPA factors EPA-453/R-95-017
1995 Protocol for Equipment Leak Emission Estimates
(also listed in API publication 1673, May 1998 - Tabl 3-7)

Source Category	Service	Emission Factor (lbs/hr-source)	Total Number of Sources*	Fugitive VOC Emissions (tons/yr)
Valves	Gas	0.0000286		*0.0000*
	Light Liquid	0.0000946	**490**	*0.2030*
Fittings	Gas	0.0000924		*0.0000*
	Light Liquid	0.0000176	**4900**	*0.3777*
Pumps	Light Liquid	0.001188	**21**	*0.1093*
Other	Gas	0.000264		*0.0000*
	Light Liquid	0.000286		*0.0000*
Total				*0.6900*

*number of fittings estimated assuming 100 fittings per valve present.

Attachment #3