

US EPA ARCHIVE DOCUMENT

Table A-11

**GHG MSS Emission Calculations - PDH Unit
Formosa Plastics Corporation, Texas
Olefins Expansion**

April 2014

MSS Activity	MSS Activity Category	CO ₂ e (metric ton/yr)	CO ₂ e (tpy)
Equipment Opening to Atmosphere EPN: PDH-MSSVO	Startup/shutdown	4.669	5.146
	Turnaround	0.000	0.000
	Piping	0.003	0.003
	Tanks	0.00	0.00
	Pressure Tanks	0.00	0.00
	Large Equipment	0.99	1.09
	Small Equipment Components	1.81	1.99
	Misc.	0.89	0.98
	Subtotal	8.36	9.21
Flare Emissions EPNs: OL3-FLRA, OL3-FLRB	Startup/shutdown	23,803	26,238
	Turnaround	2,875	3,169
	Piping	28	31
	Tanks	0.6	0.7
	Pressure Tanks	352	388
	Large Equipment	1,384	1,526
	Small Equipment Components	238	263
	Misc.	117	128
	Subtotal	28,797	31,743
Total		28,805	31,752