

US EPA ARCHIVE DOCUMENT

**Table A-1
Plantwide GHG Emission Summary
Formosa Plastic Corporation, Texas
LDPE Plant
April 2014**

Name	EPN	GHG Mass Emissions ton/yr	CO ₂ e ton/yr
RTO 1 [1]	LD-022A/B	31,550	32,439
RTO 2 [1]	LD-023A/B		
Waste Gas to OL3 Elevated Flare [2]	OL3-FLR	22,025	22,257
Pellet Blending Silo 1	LD-014	4,818	20,409
Pellet Blending Silo 2	LD-015	4,818	20,409
Emergency Engine	LD-002	207	229
Natural Gas Piping Fugitives [4]	NG-FUG	20.9	506
LDPE Plant MSS Vessel Opening [4]	LD-MSS	0.01	0.09
Total [3] =		63,440	96,248

Notes:

[1] Waste gas combustion can occur in either RTO. Unit-specific maximum emission rates shown here assume that 100% of annual waste gas is routed to each RTO.

[2] Includes MSS emissions from LDPE plant MSS degassing to Olefins 3 elevated flare.

[3] Total annual emissions account for 100% of waste gas combustion in either RTO unit. That is, RTO unit-specific annual emission rates are not additive.

[4] FPC TX Requests that No Emission Limit be established for this source.

Compliance will be assured with the design/work practice standard as specified in the permit.