

AM I SUBJECT TO MASS EMISSIONS CAP AND TRADE (MECT)?

Sites located within the eight-county Houston-Galveston-Brazoria nonattainment area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller) should identify all facilities which emit NOx. For each NOx emitting facility a determination must be made as to the applicability of the emission specifications for attainment demonstration (ESAD) requirements located in 30 TAC Section 117.310, 30 TAC Section 117.1210, and 30 TAC Section 117.2010. A summation of the uncontrolled design capacities for all NOx emitting facilities with ESAD requirements should be performed for each year beginning with 1997 and repeated for each year of operation. Those facilities exempt from the ESAD requirements located in 30 TAC Section 117.310, 30 TAC Section 117.1210, and 30 TAC Section 117.2010 are not included in the MECT program and should not be a part of the design capacity summation. If the sum of the uncontrolled design capacities for any one year is greater than 10 tons, then compliance with the ESAD requirements for those facilities is by participation in the MECT program. Once applicable, participation in the MECT program is mandatory and a facility may not modify itself out of the program.

Total Design Capacity Emissions for Each Unit:

$$AnnualNOxEmissions = \left(\frac{lb}{MMBTU} \times \frac{MMBTU}{hr} \right) \times \frac{8760hrs}{yr} \times \frac{ton}{2000lbs}$$

The lb/MMBtu number should be the uncontrolled (excluding any post combustion controls) emission rate from CEMS, stack test or vendor guarantee and the MMBtu/hr number should be based on the maximum rated capacity.

WHAT DO I HAVE TO DO IF I AM A MECT SOURCE?

- Submit an ECT-3 Form to the Emissions Banking and Trading Program (Jay Tonne, Work Lead)

The instructions for the ECT-3 are at the following site

<http://www.tceq.state.tx.us/assets/public/permitting/air/Forms/Banking/10386.pdf>

- Obtain allowances
- Comply with §117.2010 using allowances
- Final reduction required in 2008
- May purchase allowances from other MECT sources
- May purchase credits (ERCs or DERCs)

WHAT IS MY COMPLIANCE DATE IF I AM A MECT SOURCE?

- Maintain allowance balance
- Allowances are reduced over time from 2002 to 2008