

# Air Bureau's General Permit to Limit Potential to Emit from Stationary Sources- An Alternative to a Title V Permit Issued November 9, 2015

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# Section 3(a)- Eligible Activities

(1) Provided the requirements of Section 3(b) of this general permit are satisfied, this general permit is applicable to the owner or operator of any premises with:

(A) in the absence of this general permit, potential emissions that are equal to or exceed Title V source thresholds as defined in sections 22a-174-33(a)(10)(E) and (F) of the Regulations of Connecticut State Agencies;

(B) actual aggregate emissions of each regulated air pollutant that are less than the emission levels specified in Section 5(a) of this general permit; and

(C) if actual aggregate emissions of any regulated air pollutant is equal to or exceeds 50% of a Title V source threshold as defined in sections 22a-174-33(a)(10)(E) and (F) of the Regulations of Connecticut State Agencies,

(i) the source of such pollutant is from one or more of the following source categories: a source of VOC and/or HAP, batch or continuous chemical process, fuel burning combustion unit, non-metallic mineral processing plant, concrete plant or asphalt plant; and

(ii) has monitoring requirements associated with such source listed in Section 5(c) of this general permit.



# Section 5(a) - Emission Limits

- As indicated on a permittee's approval of registration issued in accordance with Section 4(g)(5) of this general permit, emissions of any regulated air pollutant, during each and every consecutive 12 month period shall be limited to:
- **up to but no more than 80%** of the Title V source emission levels in sections 22a-174-33(a)(10)(E) and (F) of the Regulations of Connecticut State Agencies, excluding GHG which shall be limited to less than 100% of Title V source threshold as defined in section 22a-174-33(a)(10)(F)(iv) of the Regulations of Connecticut State Agencies; or
- **less than 50%** of the Title V source emission levels in sections 22a-174-33(a)(10)(E) and (F) of the Regulations of Connecticut State Agencies, excluding GHG which shall be limited to less than 100% of Title V source threshold as defined in section 22a-174-33(a)(10)(F)(iv) of the Regulations of Connecticut State Agencies.



# Emissions Up to But No More Than 80%...

- provided that:
- the source of such emissions at the facility are from one or more of the following source categories: a source of VOC and/or HAP, batch or continuous chemical process, fuel burning combustion unit, non-metallic mineral processing plant, concrete plant or asphalt plant; and
- the permittee complies with the monitoring requirements associated with such source listed in Section 5(c) of this general permit



# Section 5(b) – Source of Data

- Only those control efficiency limitations which are federally or practicably enforceable may be included in the calculation of potential emissions
- Two hierarchies for pollutants that are premises wide:
  - less than 50% of Title V threshold
  - greater than 50% of Title V threshold
- Same to a Point– CEM, Stack Testing, Manufacturer Data, Material Balance, GHG, Other with Administrator & Commissioner Approval
- Different
  - Less than 50% - Emission Factors – highest of AP-42; AIRS, EIIP (any rating)
  - Greater or Equal to 50% - Emission Factors – only for emergency engines, HAP & PM external combustion, chemical process
- Unit with maximum uncontrolled emissions < 0.1 tpy pollutant of concern– use less than 50% hierarchy
- Registrations filed prior to February 1, 2016 may use less than 50% hierarchy



# Section 5(c) - Monitoring

- Beginning February 1, 2016
- Applies only to those authorized up to but no more than 80%
- Source of VOC and/or HAP – record keeping
- Chemical Process – temperature and record keeping
- Fuel burning combustion unit – fuel meter and record keeping
- Mineral/concrete/asphalt- fuel meter, throughput measurement and record keeping



# Section 5(d) – Record Keeping

- Same as 2010 GPLPE - All
- Beginning February 1, 2016 those authorized up to but no more than 80%
  - Monthly and 12 consecutive month records for pollutants greater than or equal to 50%
  - Source category specific records
- Monthly and consecutive 12 month records within 45 days of month's end
- Annual records by March 1<sup>st</sup>



# Section 5(e) - Reporting

- Annual Compliance Certification - All by March 1<sup>st</sup>
  - Annual emissions for each regulated air pollutant
- Annual Emissions Summary by March 1<sup>st</sup>
  - Only those authorized up to but no more than 80%
  - Only report on pollutants greater than or equal to 50%
  - Emissions for every consecutive 12 month period



# Section 4(d) – Re-Registration

Re-register to request a change in an approved emission limitation of regulated air pollutants between **below 50% and up to but no more than 80%**



# GPLPE Form

- Available online
- No changes in content from draft
- Submit all information including calculations



# Questions?

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