

Aggregate Production Operations and Rock Crusher Authorizations

Texas Commission on Environmental Quality



What is an Aggregate Production Operation (APO)?



A site from which aggregates are being or have been removed or extracted from the earth, including the entire areas of extraction, stripped areas, haulage ramps, and the land on which the plant processing the raw materials is located.



APO program requirements

- ▶ APOs must be registered at least 10 days prior to beginning operations and renew the registration annually
- ▶ Penalties of at least \$5,000 but no more than \$10,000 may be assessed for every year in which an APO operates without a registration

TCEQ must:

- Survey the state annually for APOs
- Conduct multi-media inspections at every APO at a minimum of once every three years



APO Registration Exemptions

- ▶ Used or processed at the same site or a related site under the control of the same responsible party for the primary purpose of production of cement, lightweight aggregate or for use in lime kiln.
- ▶ Used solely to provide aggregate for use in public works project involving a state agency or a local government.
- ▶ Used as fill for other construction purposes on site or at an adjacent site.
- ▶ Used to construct, modify, or expand a landfill or other solid waste facility.
- ▶ Operations that produce clay or shale for ceramic tiles, brick, or other structural clay products are not considered to be aggregate.
- ▶ Facilities that only PROCESS aggregates (aka processing plants) are not required to register as APOs.



What other requirements apply to APOs?



Applicable TCEQ Air Permits

APO Permit By Rule

- ▶ 106.143- West Sand and Gravel Production
- ▶ 106.144/145- Bulk Mineral and Sand Handling
- ▶ 106.148- Material Unloading
- ▶ 106.149- Sand and Gravel Processing

Rock Crushers

- ▶ Standard Permit for Permanent Rock and Concrete Crushers
- ▶ Standard Permit for Temporary Rock and Concrete Crushers



Standard Permit for Permanent Rock and Concrete Crushers

If your facility meets the conditions of this standard permit, you should be able to answer “YES” to each of these questions?

- ▶ Is the facility a rock or concrete crusher operating no more than 2,640 hours in any 12 month period?
- ▶ Is the crusher no less than 200 feet from the property line and no less than 440 yards from any residence, school, or place of worship?
- ▶ Will the throughput be no more than 200 tons per hour?



Standard Permit for Permanent Rock and Concrete Crushers

- ▶ These types of permits are authorized through TCEQs Air Permits Division
- ▶ Public Notice *is* required
- ▶ May be applied for at the same time as a temporary rock crusher standard permit
- ▶ Written records shall be kept for a rolling 24 month period including: daily hours of operation, throughput per hour, stockpile dust suppression logs



Standard Permit for Temporary Rock and Concrete Crushers

This Standard permit is divided into two Tiers:

Tier I

Tier II

For Tier I Operations:

- ▶ Do you intend to locate and operate your plant for no longer than 45 days or 360 operating hours?
- ▶ Will the throughput be no greater than 125 tons per hour?
- ▶ Will the footprint of the plant be at least 200 feet from the nearest property line?
- ▶ If you intend to crush concrete, will the nearest school, place of worship, or single- or multifamily residence be a minimum of 440 yards from the crushing facility?

For Tier II Operations:

- ▶ Will the throughput be no greater than 250 tons per hour?
- ▶ Only allows operation for no more than 1080 hours or 180 days on site, whichever occurs first
- ▶ Will the footprint of the plant be at least 300 feet from the nearest property line?
- ▶ If you intend to crush concrete, will the nearest school, place of worship, or single- or multifamily residence be a minimum of 440 yards from the crushing facility?



Standard Permit for Temporary Rock and Concrete Crushers

- ▶ Tier I and Tier II permits are authorized by Region
- ▶ No public Notice is required
- ▶ The crusher has a limit period of time to operate at a site (depends on which Tier)
- ▶ May not reapply for a temporary crusher authorization for 12 months
- ▶ Written records shall be kept for a rolling 24 month period including: daily hours of operation, throughput per hour, stockpile dust suppression logs



Compliance Resources

TexasEnviroHelp - www.TexasEnviroHelp.org

- ▶ APO Compliance Assistance Page
- ▶ Tools and guidance for:
 - stormwater
 - PSTs
 - Used Oil
 - Drinking Water

Outreach

- Annual Renewal Reminders



Questions?



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