Air Quality Standard Permit Checklist for Temporary Rock and Concrete Crushers

Texas Commission on Environmental Quality

The following checklist has been developed to help the Texas Commission on Environmental Quality (TCEQ), Air Permits Division (APD) confirm that the proposed temporary rock and concrete crusher meets the standard permit requirements. Please read all questions and check “Yes,” “No,” or “N/A,” or provide specific information for the facility. If the temporary rock and concrete crusher does not meet all conditions of this standard permit, it may not operate under the standard permit and must apply for either a Permanent Rock and Concrete Crusher standard permit authorization or for a preconstruction permit as required under Title 30 Texas Administrative Code § 116.111 (30 TAC § 116.111).

| Company Information | | |  |
| --- | --- | --- | --- |
| Company Name: | | |  |
| Customer Registration No.: | | |  |
| Regulated Entity No.: | | |  |
| Nearest City: | | |  |
| County: | | |  |
| Address (if no street address, provide driving directions to the site below): | | |  |
|  | | |  |
|  | | |  |
| Checklist Completed By (Full Name): | | |  |
| **Section I General Requirements** | | | |
| (1)(B) | | | |
| When crushing concrete, will the concrete crushing facility be operated at least 440 yards from any building which was in use as a single or multi-family residence, school, or place of worship at the time the notification required by section (2) or (3) was filed? *See subsections (1)(C) and (1)(D) for exceptions.* | Yes  No  N/A | | |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | | |
| (1)(E) | | | |
| Will all screen sides be enclosed and all conveyors greater than 300 feet long be covered with a half-moon or equivalent enclosure that covers the top of the conveyor? | | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(F) | | |  |
| Will visible emissions from the crushing facility, associated sources, and in-plant roads associated only with the facility leave the property for a period exceeding 30 seconds in duration in any six-minute period as determined using U.S. Environmental Protection Agency (EPA) Test Method (TM) 22? | | Yes  No |  |
| *If the answer is “Yes”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(G) | | |  |
| Will opacity of emissions from any transfer point on belt conveyors or any screen exceed 10 percent and from any crusher not exceed 15 percent, averaged over a six-minute period, and according to EPA TM 9? | | Yes  No |  |
| *If the answer is “Yes”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(H) | | |  |
| Will permanently mounted spray bars be installed at the inlet and outlet of all crushers, at all shaker screens, and at all material transfer points and used as necessary to maintain compliance with all commission regulations? | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(I) | | |  |
| Will dust emissions from all in-plant roads and active work areas that are associated with the operation of the crusher be minimized at all times by at least one of the following methods:  (i) covered with a material such as, but not limited to, roofing shingles or tire chips (when used in combination with (ii) or (iii) of this subsection);  (ii) treated with dust-suppressant chemicals;  (iii) watered; or  (iv) paved with a cohesive hard surface that is maintained intact and cleaned. | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(J) | | |  |
| Will all stockpiles be sprinkled with water, dust-suppressant chemicals, or covered, as necessary to minimize dust emissions? | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(K) | | |  |
| Will raw material and product stockpile heights exceed 45 feet? | | Yes  No |  |
| *If the answer is “Yes”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(L) | | |  |
| Will the crusher be equipped with a runtime meter? | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(O) | | |  |
| Will the crusher meet all applicable conditions of Title 40 Code of Federal Regulations (CFR) Part 60, Subpart A, General Provisions and Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants? | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(P) | | |  |
| Will the crusher only process nonmetallic minerals or a combination of nonmetallic minerals that are described in 40 CFR Part 60, Subpart OOO? | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(Q) | | |  |
| Will the crusher and all associated facilities operating under this standard permit be either located (except for crushers in nonoperational storage that have not commenced construction as considered under the Texas Clean Air Act (TCAA)) or operated on the same site as any other crusher? | | Yes  No |  |
| *If the answer is “Yes”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(T) | | |  |
| Will the crushing operations and related activities comply with applicable requirements of 30 TAC Chapter 101, Subchapter F, Emission Events and Scheduled Maintenance Startup, and Shutdown Activities? | | Yes  No |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| (1)(V) | | |  |
| If an application for a rock crusher to be authorized under THSC § 382.0518 (Preconstruction Permit) was submitted for the same site, was the application withdrawn at least 12 months prior to submittal of this standard permit notification? | Yes  No  N/A | |  |
| *If the answer is “No”, the crusher cannot be authorized under this standard permit.* | | |  |
| What type of facility is being authorized? | | |  |
| Tier I (Complete Section II)  Tier II (Complete Section III) | | |  |
| Section II Tier I Temporary Rock and Concrete Crushers | | |  |
| (2)(A) | | |  |
| Will the crusher be located at a mine or quarry? | | Yes  No | |
| *If the answer is “Yes”, the crusher cannot be authorized under Tier I.* | | | |
| (2)(B) | | | |
| Will the crusher feed hopper throughput be less than or equal to 125 tons per hour? | | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier I.* | | | |
| (2)(C) | | | |
| Will the crusher and all associated facilities and sources be located no less than 200 feet from the nearest property line? | | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier I.* | | |  |

Air Quality Standard Permit Checklist for Temporary Rock and Concrete Crushers

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| Section II Tier I Temporary Rock and Concrete Crushers *(continued)* | |  |
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| (2)(D) | |  |
| Will the equipment authorized be limited to one primary crusher, two conveyors, and two screens. | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier I.* | |  |
| (2)(E) | |  |
| Will the crusher and all associated sources operating under this standard permit be located or operate on the same site as a concrete batch plant or asphalt batch plant? | Yes  No | |
| *If the answer is “Yes”, the crusher cannot be authorized under Tier I.* | | |
| (2)(F) | | |
| Will the crusher be operated for no more than 360 hours or be located for no more than 45 non-consecutive calendar days on site, whichever occurs first? | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier I.* | | |
| (2)(G) | | |
| Is this a notification to return to a site where the time periods have not been exhausted during a rolling 365-day period? | Yes  No | |
| If “Yes”, include the previous duration at the site: | |  |
| (2)(H) | |  |
| Has notification been provided at least 10 calendar days prior to locating (except for crushers in non-operational storage that have not commenced construction) at the site using the APD Relocation/Notification form? | Yes  No | |
| *Notification must be provided at least 10 calendar days prior to locating at the site using the APD Relocation/Notification form.* | |  |

| Section III Tier II Temporary Rock and Concrete Crushers | |  |
| --- | --- | --- |
| (3)(A) | |  |
| Will the crusher feed hopper throughput be less than or equal to 250 tons per hour? | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier II.* | | |
| (3)(B) | | |
| Will the crushers and all associated facilities and sources be located no less than 300 feet from the nearest property line? | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier II.* | | |
| (3)(C) | | |
| Will the crushers and all associated facilities and sources operating under this standard permit be located at least 550 feet from any concrete batch plant or asphalt batch plant? | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier II.* | |  |
| (3)(D) | |  |
| Will the equipment authorized under this section be limited to one primary crusher, one secondary crusher, two screens, and any associated conveyors? | Yes  No | |
| *If the answer is “No”, the crusher cannot be authorized under Tier II.* | |  |
| (3)(E) and (3)(H) | |  |
| Will the crusher be operated for no more than 1080 hours or be located for no more than 180 non-consecutive calendar days on site, whichever occurs first? | Yes  No | |
| Will the crusher provide crushed material exclusively to a single public works project (single contract or same contractor for related project segments), and not to other unrelated projects, and be located in or contiguous to the right-of-way? | Yes  No | |
| *Must answer “Yes” to one of the previous questions to be authorized under Tier II.* | |  |
| (3)(F) | |  |
| Is this a notification to return to a site where the time periods have not been exhausted during a rolling 365-day period? | Yes  No | |
| If “Yes”, include the previous duration at the site: | | |
| (3)(G) | |  |
| Has notification been provided at least 30 calendar days prior to locating at the site using the APD Relocation/Notification form? | Yes  No | |
| *Notification must be provided at least 30 calendar days prior to locating at the site using the APD Relocation/Notification form.* | | |