



**Gila River Indian Community
Department of Environmental Quality
Air Quality Program**

P.O. Box 97/45 S. Church St.
Sacaton, Arizona 85147
Phone: (520) 562-2234
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www.gricdeq.org

INSTRUCTIONS NOTIFICATION OF MINOR MODIFICATION AT A CURRENTLY PERMITTED FACILITY

Per Part II, Section 5.4 of the Gila River Indian Community's (GRIC) Air Quality Management Plan (AQMP), this notification must be submitted for a minor permit revision to a currently permitted facility. Notifications can be mailed or submitted in person to the **Air Quality Program office** at 1576A S. Nelson Dr., Chandler, AZ 85226 or the **Department of Environmental Quality (DEQ) main office** at PO Box 97 / 45 S. Church St., Sacaton, AZ 85147.

Submit this notification prior to making the modifications. The submitted notification and documents become the property of the Gila River Indian Community (GRIC) DEQ and will not be returned. All submitted documents will be available to the public unless a notice of confidentiality has been submitted by the applicant and agreed upon by the Director in accordance with Part II, Section 10 of the GRIC Air Quality Management Plan (AQMP). If confidentiality is granted, a fully completed notification with confidential information clearly identified along with a separate copy of the application for public review without the confidential information must be submitted.

A filing fee of **\$150.00** must accompany the notification (make checks payable to Gila River Indian Community DEQ). Be sure to include the current permit number on the check. A filing fee is not required for a Tribal Entity. Part II, Section 1.0 of the AQMP defines a Tribal Entity as "a tribally owned and operated corporation, business or enterprise that provides funding to the Community Council resulting from profits from operating the entity where at least fifty (50) percent of the profits are shared with the Council for the benefit of Community members." Before the permit is issued, the Permittee will be billed and must submit payment for all permit processing time required for billable permit actions, in excess of the notification fee, at a rate adjusted annually under Part II, Section 11.8 of the AQMP.

Complete items 1-9 and attach manufacturers' drawings and specifications when required by the application. If necessary, attach additional sheets to the application to provide all required information. Submit the application by completing the attached original forms. Consider future growth when determining the maximum throughputs and/or production rates. **All applicants must complete items 1 through 9 and Sections Z1-M and Z2-M or the application will be deemed incomplete.**

The GRIC AQMP (air pollution control regulations) is available at the above addresses or may be viewed and/or downloaded from our web site at www.gricdeq.org. You may also contact the Department by telephone at (520) 562-2234 to obtain a hard copy or electronic copy of the GRIC AQMP.

If you need help completing the application package or to schedule a meeting with permitting staff, please see our website or contact the Air Quality Program Manager at air@gric.nsn.us / (520) 796-3781.

NOTIFICATION OF MINOR MODIFICATION AT A CURRENTLY PERMITTED FACILITY

(As required by Title 17, Chapter 9, Part II, Section 5.4 of the GRIC Air Quality Management Plan)

READ INSTRUCTIONS FIRST. ALL APPLICANTS MUST COMPLETE ITEMS 1 THROUGH 9 AND SECTION Z.

1. BUSINESS NAME			
2. IS THIS A PORTABLE SOURCE ?		<input type="checkbox"/> YES (IF YES, PROVIDE THE <u>CURRENT</u> SITE INFORMATION IN ITEM 3) <input type="checkbox"/> NO (COMPLETE ITEM 3)	
3. ADDRESS OF SITE:	STREET:		
	CITY:	STATE: AZ	ZIP CODE:
	TELEPHONE AT SITE:		FAX:
4. SEND ALL CORRESPONDENCE INCLUDING INVOICE AND PERMIT TO:	COMPANY NAME:		
	ATTN:		
	ADDRESS:		
	CITY:	STATE:	ZIP CODE:
	TELEPHONE:	E-MAIL:	
5. BRIEF DESCRIPTION OF THE PROPOSED MODIFICATION:			

6. I CERTIFY THAT I AM FAMILIAR WITH THE OPERATIONS AND EQUIPMENT REPRESENTED ON THIS APPLICATION AND ATTACHMENTS AND THE INFORMATION PROVIDED HEREIN IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

SIGNATURE OF OWNER OR RESPONSIBLE OFFICIAL OF BUSINESS: _____ DATE: _____

TYPE OR PRINT NAME AND TITLE: _____

DO NOT WRITE IN THIS SPACE

REVIEWED BY: _____ DATE: _____

APPROVED DENIED

REASON FOR DENIAL: _____

7. PROVIDE A LIST OF EQUIPMENT THAT WILL BE INSTALLED, MODIFIED, OR REMOVED:

ASSIGNED EQUIPMENT NUMBER	DESCRIBE EACH PIECE OF EQUIPMENT INCLUDE MAKE & MODEL	HOW MANY	INSTALLED, MODIFIED, OR REMOVED	DATE OF INSTALLATION, MODIFICATION, OR REMOVAL	HP, KVA GAL OR OTHER RATING	EXHAUST	
						VENT TO AIR	VENT TO CONTROL (Identify)

8. MATERIALS LIST: List all materials handled, stored, processed, used, mixed, treated, or emitted from the facility, including but not limit to chemicals, mixtures, resins, cleaning compounds, etc. Identify each material in sufficient detail and provide material safety data sheets (MSDS) for each material.

MATERIAL	ANNUAL USAGE OR THROUGHPUT (gal/yr or lb/yr)	CHEMICAL COMPOSITION (% by weight)	MATERIAL RECLAIMED OR SHIPPED AS WASTE (gal/yr or lb/yr)	EQUIPMENT NUMBER IN WHICH USED

9. DESCRIBE CONTROL DEVICES:

TYPE OF DEVICE	NAME / ID / CAPACITY	EQUIPMENT CONTROLLED ¹	GAS FLOW RATE (SCFM)	LIQUID FLOW RATE (GAL/MIN)	CONTROL EFFICIENCY ² (% WEIGHT)

¹ Specify the equipment number from item 3 for the piece of equipment whose emissions are being controlled by the control device.
² PROVIDE WRITTEN DOCUMENTATION OF CONTROL EFFICIENCY (i.e., manufacturer's data or source test data). Attach the manufacturer's specifications and drawings for each air pollution control device listed. Be sure that the locations of all flow devices and pressure/temperature gauges are indicated. Attach an operation and maintenance plan for each piece of control equipment listed above.

SECTION Z1-M. AIR POLLUTANT EMISSIONS

PROVIDE A SUMMARY OF THE PROJECTED ACTUAL AIR EMISSIONS ON AN ANNUAL BASIS FOR THE ENTIRE SITE IN THE FOLLOWING SUMMARY TABLES. ATTACH DETAILED CALCULATIONS TO SUPPORT THE FIGURES. **IF SUPPORTING CALCULATIONS ARE NOT INCLUDED WITH THE APPLICATION, THE APPLICATION WILL BE DEEMED INCOMPLETE.**

PROVIDE A SUMMARY OF THE ACTUAL AIR EMISSIONS ON AN ANNUAL BASIS FOR THE FOLLOWING THREE COLUMNS:

- (i) EMISSIONS TO BE RELEASED FROM ONLY THE EQUIPMENT / PROCESSES DESCRIBED ON THIS NOTIFICATION;
- (ii) EMISSIONS PRIOR TO THE MODIFICATION OF THE EQUIPMENT / ROCESSSES DESCRIBED IN (i) ABOVE; AND
- (iii) THE ENTIRE SITE INCLUDING THE EMISSIONS IDENTIFIED IN (i) ABOVE. NORMALLY, THIS COLUMN WILL BE THE SUM OF COLUMNS (i) AND (ii).

POLLUTANT	NON-FUGITIVE EMISSIONS ⁽¹⁾ (lb/yr)		FUGITIVE EMISSIONS ⁽²⁾ (lb/yr)		TOTAL EMISSIONS ⁽³⁾ (lb/yr)
	(i)	(ii)	(i)	(ii)	(iii)
CARBON MONOXIDE (CO)					
OXIDES OF NITROGEN (NO _x)					
OXIDES OF SULFUR (SO _x)					
PARTICULATES OF 10 MICRONS OR SMALLER (PM ₁₀)					
PARTICULATE MATTER (PM), INCLUDING PM ₁₀					
VOLATILE ORGANIC COMPOUNDS (VOC) ⁴ EXCLUDING NON-PRECURSOR ORGANIC COMPOUNDS					
LEAD					
TOTAL HAZARDOUS AIR POLLUTANTS (INDIVIDUAL HAP EMISSIONS MUST BE SUMMARIZED IN SECTION Z2):					
TOTAL ULTRA HAZARDOUS AIR POLLUTANTS (INDIVIDUAL UHAP EMISSIONS MUST BE SUMMARIZED IN SECTION Z2):					
OTHER REGULATED AIR POLLUTANTS (LIST SEPARATELY):					

(1) -Non-fugitive emissions include emissions from stacks, chimneys, vents, or other functionally equivalent openings (e.g., baghouse stacks, dust collector, etc.)

(2) -Fugitive emissions include emissions that could not reasonable pass through a stack, chimney, vent, or other functionally equivalent opening. Only include fugitive emissions for the following sources:

- Secondary metal production plants;
- Fossil-fuel boilers (or combination thereof) totaling more than 250 million BTU per hour heat input;
- Any other stationary source category, which as of August 7, 1980 is being regulated under Section 111 (NSPS) or 112 (NESHAP) of the Act and for which EPA has made an affirmative determination by rule under Section 302(j) of the Act (e.g., Subpart I – Hot Mix Asphalt Facilities).

(3) -Sum of fugitive (if any) and non-fugitive emissions.

(4) VOCs are defined by EPA at: http://www.epa.gov/ttn/naaqs/ozone/ozonetech/def_voc.htm

Help sheets for calculating emissions from specific industries or processes can be obtained at: http://www.maricopa.gov/aq/divisions/planning_analysis/emissions_inventory/instructions.aspx

If you need help completing the application package, please see our website (www.gricdeq.org) or contact air@gric.nsn.us / (520) 796-3781.

SECTION Z2-M. HAZARDOUS AND ULTRAHAZARDOUS AIR POLLUTANT EMISSIONS

PROVIDE A SUMMARY OF THE PROJECTED ACTUAL INDIVIDUAL HAZARDOUS AND ULTRAHAZARDOUS AIR POLLUTANT EMISSIONS ON AN ANNUAL BASIS FOR THE ENTIRE SITE IN THE FOLLOWING SUMMARY TABLE. ATTACH DETAILED CALCULATIONS TO SUPPORT THE FIGURES. **IF SUPPORTING CALCULATIONS ARE NOT INCLUDED WITH THE APPLICATION, THE APPLICATION WILL BE DEEMED INCOMPLETE.**

PROVIDE A SUMMARY OF THE ACTUAL AIR EMISSIONS ON AN ANNUAL BASIS FOR THE FOLLOWING THREE COLUMNS:
 (iv) EMISSIONS TO BE RELEASED FROM ONLY THE EQUIPMENT / PROCESSES DESCRIBED ON THIS NOTIFICATION;
 (v) EMISSIONS PRIOR TO THE MODIFICATION OF THE EQUIPMENT / ROCESSSES DESCRIBED IN (i) ABOVE; AND
 (vi) THE ENTIRE SITE INCLUDING THE EMISSIONS IDENTIFIED IN (i) ABOVE. NORMALLY, THIS COLUMN WILL BE THE SUM OF COLUMNS (i) AND (ii).

POLLUTANT	NON-FUGITIVE EMISSIONS ⁽¹⁾ (lb/yr)		FUGITIVE EMISSIONS ⁽²⁾ (lb/yr)		TOTAL EMISSIONS ⁽³⁾ (lb/yr)
	(i)	(ii)	(i)	(ii)	(iii)
HAZARDOUS AIR POLLUTANTS (LIST SEPARATELY):					
ULTRA HAZARDOUS AIR POLLUTANTS (LIST SEPARATELY):					

FEDERAL HAZARDOUS AIR POLLUTANTS LIST

(Federal Clean Air Act, Title I, Section 112(b))

<u>CAS No.</u>	<u>Chemical name</u>	<u>CAS No.</u>	<u>Chemical name</u>	<u>CAS No.</u>	<u>Chemical name</u>	<u>Chemical name</u>
75070	Acetaldehyde	121697	N,N-Diethyl aniline (N,N-Dimethylaniline)	101688	Methylene diphenyl diisocyanate (MDI)	Antimony Compounds
60355	Acetamide	64675	Diethyl sulfate	101779	4,4'-Methylenedianiline	Arsenic Compounds (inorganic including arsine)
75058	Acetonitrile	119904	3,3-Dimethoxybenzidine	91203	Naphthalene	Beryllium Compounds
98862	Acetophenone	60117	Dimethyl aminoazobenzene	98953	Nitrobenzene	Cadmium Compounds
53963	2-Acetylaminofluorene	119937	3,3'-Dimethyl benzidine	92933	4-Nitrobiphenyl	Chromium Compounds
107028	Acrolein	79047	Dimethyl carbamoyl chloride	100027	4-Nitrophenol	Cobalt Compounds
79061	Acrylamide	68122	Dimethyl formamide	79469	2-Nitropropane	Coke Oven Emissions
79107	Acrylic acid	57147	1,1-Dimethyl hydrazine	684935	N-Nitroso-N-methylurea	Cyanide Compounds[1]
107131	Acrylonitrile	131113	Dimethyl phthalate	62759	N-Nitrosodimethylamine	Glycol ethers[2]
107051	Allyl chloride	77781	Dimethyl sulfate	59892	N-Nitrosomorpholine	Lead Compounds
92671	4-Aminobiphenyl	534521	4,6-Dinitro-o-cresol, and salts	56382	Parathion	Manganese Compounds
62533	Aniline	51285	2,4-Dinitrophenol	82688	Pentachloronitrobenzene (Quintobenzene)	Mercury Compounds
90040	o-Anisidine	121142	2,4-Dinitrotoluene	87865	Pentachlorophenol	Fine mineral fibers[3]
1332214	Asbestos	123911	1,4-Dioxane (1,4-Diethyleneoxide)	108952	Phenol	Nickel Compounds
71432	Benzene (including benzene from gasoline)	122667	1,2-Diphenylhydrazine	106503	p-Phenylenediamine	Polycyclic Organic Matter[4]
92875	Benzidine	106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	75445	Phosgene	Radionuclides (including radon)[5]
98077	Benzotrithloride	106887	1,2-Epoxybutane	7803512	Phosphine	Selenium Compounds
100447	Benzyl chloride	140885	Ethyl acrylate	7723140	Phosphorus	
92524	Biphenyl	100414	Ethyl benzene	85449	Phthalic anhydride	
117817	Bis(2-ethylhexyl)phthalate (DEHP)	51796	Ethyl carbamate (Urethane)	1336363	Polychlorinated biphenyls (Aroclors)	
542881	Bis(chloromethyl)ether	75003	Ethyl chloride (Chloroethane)	1120714	1,3-Propane sultone	
75252	Bromoform	106934	Ethylene dibromide (Dibromoethane)	57578	beta-Propiolactone	
106990	1,3-Butadiene	107062	Ethylene dichloride (1,2-Dichloroethane)	123386	Propionaldehyde	
156627	Calcium cyanamide	107211	Ethylene glycol	114261	Propoxur (Baygon)	
133062	Captan	151564	Ethylene imine (Aziridine)	78875	Propylene dichloride (1,2-Dichloropropane)	
63252	Carbaryl	75218	Ethylene oxide	75569	Propylene oxide	
75150	Carbon disulfide	96457	Ethylene thiourea	75558	1,2-Propylenimine(2-Methyl aziridine)	
56235	Carbon tetrachloride	75343	Ethylidene dichloride (1,1-Dichloroethane)	91225	Quinoline	
463581	Carbonyl sulfide	50000	Formaldehyde	106514	Quinone	
120809	Catechol	76448	Heptachlor	100425	Styrene	
33904	Chloramben	118741	Hexachlorobenzene	96093	Styrene oxide	
57749	Chlordane	87683	Hexachlorobutadiene	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin	
7782505	Chlorine	77474	Hexachlorocyclopentadiene	79345	1,1,2,2-Tetrachloroethane	
79118	Chloroacetic acid	67721	Hexachloroethane	127184	Tetrachloroethylene (Perchloroethylene)	
532274	2-Chloroacetophenone	822060	Hexamethylene-1,6-diisocyanate	7550450	Titanium tetrachloride	
108907	Chlorobenzene	680319	Hexamethylphosphoramide	108883	Toluene	
510156	Chlorobenzilate	110543	Hexane	95807	2,4-Toluene diamine	
67663	Chloroform	302012	Hydrazine	584849	2,4-Toluene diisocyanate	
107302	Chloromethyl methyl ether	7647010	Hydrochloric acid	95534	o-Toluidine	
126998	Chloroprene	7664393	Hydrogen fluoride (Hydrofluoric acid)	8001352	Toxaphene (chlorinated camphene)	
1319773	Cresols/Cresylic acid (isomers and mixture)	123319	Hydroquinone	120821	1,2,4-Trichlorobenzene	
95487	o-Cresol	78591	Isophorone	79005	1,1,2-Trichloroethane	
108394	m-Cresol	58899	Lindane (all isomers)	79016	Trichloroethylene	
106445	p-Cresol	108316	Maleic anhydride	95954	2,4,5-Trichlorophenol	
98828	Cumene	67561	Methanol	88062	2,4,6-Trichlorophenol	
94757	2,4-D, salts and esters	72435	Methoxychlor	121448	Triethylamine	
3547044	DDE	74839	Methyl bromide (Bromomethane)	1582098	Trifluralin	
334883	Diazomethane	74873	Methyl chloride (Chloromethane)	540841	2,2,4-Trimethylpentane	
132649	Dibenzofurans	71556	Methyl chloroform (1,1,1-Trichloroethane)	108054	Vinyl acetate	
96128	1,2-Dibromo-3-chloropropane	60344	Methyl hydrazine	593602	Vinyl bromide	
84742	Dibutylphthalate	74884	Methyl iodide (Iodomethane)	75014	Vinyl chloride	
106467	1,4-Dichlorobenzene(p)	108101	Methyl isobutyl ketone (Hexone)	75354	Vinylidene chloride (1,1-Dichloroethylene)	
91941	3,3-Dichlorobenzidine	624839	Methyl isocyanate	1330207	Xylenes (isomers and mixture)	
111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)	80626	Methyl methacrylate	95476	o-Xylenes	
542756	1,3-Dichloropropene	1634044	Methyl tert butyl ether	108383	m-Xylenes	
62737	Dichlorvos	101144	4,4-Methylene bis(2-chloroaniline)	106423	p-Xylenes	
111422	Diethanolamine	75092	Methylene chloride (Dichloromethane)			

For all listings above which contain the word "compounds" and for glycol ethers, unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical as part of that chemical's infrastructure.

[1] X'CN where X = H' or any other group where a formal dissociation may occur. For example KCN or Ca(CN)₂.

[2] Includes mono- and di- ethers of ethylene glycol, diethylene glycol and triethylene glycol R(OCH₂CH₂)_n-OR' where:

n = 1, 2 or 3

R = alkyl C7 or less, or phenyl or alkyl substituted phenyl

R' = H, or alkyl C7 or less, or carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

[3] Includes mineral fiber emissions from facilities manufacturing or processing glass, rock or slag fibers or other mineral derived fibers of average diameter one (1) micrometer or less.

[4] Includes organic compounds with more than one (1) benzene ring and which have a boiling point greater than or equal to 100°C.

[5] A type of atom which spontaneously undergoes radioactive decay