

AUTHORIZATION TO OPERATE (ATO)
UNDER PDEQ GENERAL AIR QUALITY OPERATING PERMIT #6144 FOR
AREA SOURCE PLATING, ANODIZING AND POLISHING FACILITIES
(As required by Title 49, Chapter 3, Article 2, Section 49-480, Arizona Revised Statutes)



I. FACILITY INFORMATION:

Business Name: T3 Engineered Products DBA Triangle Industrial Corporation
Facility Name: Triangle Industrial Corporation
Responsible Official: Mr. Jordan Frazier
Source Location: 2560 N. Coyote Drive, Suite #108, Tucson, AZ 85745

II. AUTHORIZED EQUIPMENT:

ATO #	Tank ID	Construction Or Reconstruction Date	Type of Operation or Process	Applicable NESHAP Category ¹	Emission Control Device/Compliance Methods ²	Tank Enclosed Y/N	Cumulative Potential Rectifier ≥ 60 million ampere-hours per year Y/N
1347-01	T-1	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-02	T-2	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-03	T-3	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-04	T-4	1985	Hard Chromium Electroplating	2	CMP	Y	Y

¹ Determined by Source from Form 4 of the Area Source Plating, Anodizing and Polishing Facilities Application Package

² PBS - Packed Bed Scrubber; CMP - Composite Mesh Pad; WAFS - Wetting Agent Fume Suppressant; FBME - Fiber Bed Mist Eliminator; TC – Tank Cover; TL - Time Limit; MP - Management Practices

Rupesh Patel, Air Permit Manager, PDEQ

ATO Issue Date:	February 4, 2016
ATO Expiration Date:	December 2, 2020

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II. AUTHORIZED EQUIPMENT (Continued):

ATO #	Tank ID	Construction Or Reconstruction Date	Type of Operation or Process	Applicable NESHAP Category ¹	Emission Control Device/Compliance Method ²	Tank Enclosed Y/N	Cumulative Potential Rectifier ≥ 60 million ampere-hours per year Y/N
1347-05	T-5	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-06	T-6	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-07	T-7	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-08	T-8	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-09	T-9	1985	Hard Chromium Electroplating	2	CMP	Y	Y

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1347-10	T-9A	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-11	T-10	1985	Hard Chromium Electroplating	2	CMP	Y	Y
1347-12	Bay 109 Super Sander & Sanding Lathe	-	Dry Mechanical Polishing	8	Vented to Dust Collection System MP	NA	NA

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