



SUBJECT: Administrative Action No. 1968

DATE: 06/16/21

BY: Nathan Levey

LOCATION: 16443 Minnesota Avenue

ZONE: M-2 (Heavy Manufacturing) Zone

GENERAL

PLAN: Heavy Manufacturing

APPLICANT: Andrew Overweg/Mattco Forge Inc.

DESCRIPTION:

The applicant is requesting approval of an administrative action as mandated for metal-related manufacturing businesses that the South Coast Air Quality Management District (SCAQMD) requires a permit to operate. Mattco Forge Inc. is located in the City of Paramount at 16443 Minnesota Avenue in the M-2 (Heavy Manufacturing) zone. The applicant produces engineered forged metal products for the aerospace, defense, oil and gas, transportation, and power generation industries. Among the products forged by Mattco Forge Inc. are seamless, rolled forged rings. Mattco Forge Inc. has been manufacturing since its establishment in 1977 and currently employs approximately 115 people. The hours of operation are Monday through Thursday, 6:00 a.m. through 2:30 a.m.; Friday, 6:00 a.m. through 10:30 p.m.; and Saturday, 6:00 a.m. through 2:30 p.m.

BACKGROUND:

In September 2018, the Paramount City Council adopted Ordinance No. 1106 for Zoning Ordinance Text Amendment No. 8, which revised manufacturing regulations in response to high and unhealthful levels of hexavalent chromium and other air emissions.

The purpose of the administrative action is to allow the City of Paramount to have a complete understanding as to how metal-related manufacturing businesses operate. An application would contain a catalog of equipment, materials, and uses. An administrative action approval would also include operating conditions as incorporated in the Zoning Ordinance with Ordinance No. 1106. These performance standards are codified in Sections 17.36.050 and 17.36.060 of the Paramount Municipal Code for metal manufacturing business located in the M-2 zone.

SITE DESCRIPTION:

Mattco Forge Inc. is located on three parcels (APNs 7102-020-009, 7102-020-022, and 7102-020-028) that comprise approximately four acres. There are four buildings located throughout the project site. The main entrance and administration building are located on Jackson Street, near Minnesota Avenue. The largest of these buildings is the forge shop/maintenance building, which totals 47,450 square feet. In addition to the manufacturing and administration buildings, there are buildings for a saw department, offices, and a warehouse/office building. In addition to the



buildings, the site has outside storage and a parking lot. There are eight gates that provide access to the site along Jackson Street and Minnesota Avenue.

SITE PLAN

The site plan below is oriented with the north direction on the right side. Jackson Street is along the north, and Minnesota Avenue is along the east of the site.

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APPLICATION DETAILS:

The following details are compiled from the Administrative Action application, Planning Department records, and SCAQMD information.

Business Operations

Office

Offices are located in the office/warehouse building in the northern portion of the site, near Jackson Street. Additionally, there are older, vacant offices located along Minnesota Avenue.

Manufacturing

Mattco Forge Inc. produces seamless rolled rings, hubs, shafts, gears, disks, bars, blocks, and other miscellaneous shapes. It forges these products through several processes, including upsetting and open and closed die forgings. Mattco Forge Inc. produces components for aerospace, gas turbine, industrial, commercial, and nuclear industries. The production of these components requires sawing, grinding, heating, and open and closed die forging of alloy billet.

The production of variously sized rings includes the use of furnaces to heat the metal. It also involves the use of ring mills, which are used to shape and round out the rings, ring sizers, and sawing stations. All furnaces are equipped with air emission filtration equipment and furnaces use low nitrogen oxide (NO_x) burners.

Open and closed die forging involves the process of shaping heated metal between two dies by bringing the dies closer together in a hammering or pressing manner. In closed die forging, the heated metal is completely enclosed when the two dies meet. In open die forging, the heated metal is not completely enclosed when the two dies are brought closer together.

Both open and closed die forging processes involve heating metal in furnaces followed by the use of two or more dies. Mattco Forge Inc. also uses upset forging where a piece of bar stock is pressed into a die on only one end of the bar, with the other end remaining unchanged. These are commonly used to produce multiple pieces of the same shape quickly, such as bolts.

Storage and Other Ancillary Activities

Ancillary process that support the manufacturing operations include:

The grinding stations are involved in the grinding and shaping of the rings, upset forgings, and die forgings produced by the applicant. The grinding department has emissions which are controlled via a HEPA filtration system.

In addition to the grinding operations, there are maintenance and warehousing facilities onsite.

Finally, forklifts are used throughout the site for the onsite transportation of materials and products.



Permits – SCAQMD

Permits Declared by Applicant	
Permit No.	Description
G50108	Permit to Operate up to four grinding stations with up to four hand grinders
Permits Not Declared by Applicant	
Permit No.	Description
G60845	Permit to Operate Air Pollution Control System
G60846	Permit to Operate Metal Grinding Operations
A/N 594600	Permit to Construct Air Pollution Control System
A/N 594601	Permit to Construct Air Pollution Control System
A/N 594420	Permit to Construct Air Pollution Control System
A/N 594115	Permit to Construct Air Pollution Control System

Permits – Other Agencies

Permits Declared by Applicant		
Agency	Permit No.	Description
Los Angeles County Certified Unified Program Agency	AR0018067	Annual Unified Program Facility Permit
Sanitation Districts of Los Angeles County	21943; 21944	Industrial Wastewater Discharge
California Water Board	4191025496	General Permit to Discharge Storm Water Associated with Industrial Activity
California Department of Industrial Relations	A19-009689; A003988-61; A024162-05; A007922-09	CA Department of Industrial Relations Division of Occupational Safety and Health Pressure Vessel Permit to Operate
Permits Not Declared by Applicant		
Agency	Permit No.	Description
n/a	n/a	n/a



PARAMOUNT CONDITIONAL USE PERMITS

Permits Declared by Applicant		
CUP No.	Description	Approval Date
n/a	n/a	
Permits Not Declared by Applicant		
CUP No.	Description	Approval Date
470	Installation and operation of a 250-ton metal forging press.	February 9, 2000
764	Legalize installation and operation of a 1,650-ton hydraulic press and associated cooling tower system.	March 11, 2014
841	Installation of a dust collection system and total building enclosure for grinding activities	December 13, 2017

OTHER INFORMATION

Signs: Section 17.36.050 includes provisions for a wall sign to be installed in compliance with M-2 sign regulations. The applicant has a wall sign that is located above the main entrance into the lobby, facing towards Minnesota Avenue Street. There is an additional wall sign on the northern side of the warehouse building, facing Jackson Street.





The International Organization for Standards (ISO): The applicant is not ISO certified, but does maintain Nadcap certification in accordance with AS9100 (which facilitates the production of aviation, space, and defense products by providing structure in the form of leadership, planning, support, operation, performance evaluation, and improvement).

Public tours: The applicant can commit to an annual off-site informational session to inform the community-at-large about business operations and practices. The applicant is not amenable to small group tours on a case-by-case basis (subject to restrictions) due to safety concerns.

Notices of Violations: The South Coast Air Quality Management District issued the following Notices of Violation (NOVs) to Carlton Forge Works within the last ten years.

Violations Not Identified by Applicant				
Date	Violation No.	Rule Broken	Description	Status
05/10/2017	E38370	1430(l)	Submission of complete permit applications for all construction and/or necessary equipment required.	In Compliance
05/02/2017	E38367	1430(k)(1)(A-C)	Failure to install signage as specified in Rule 1430 (k)(1)(A-C)	In Compliance
04/18/2017	E38674		Provide copies of SDS for all chrome containing alloys used at the facility; provide total daily	In Compliance



Violations Not Identified by Applicant				
Date	Violation No.	Rule Broken	Description	Status
			throughout/usage for all chrome containing alloys used at the facility from 12/01/2016 to time of NOV.	
12/01/2015	E30263	203	Need to apply for AQMD permit to operate for natural gas Waukesha engine running emergency 125 kw generator, or disconnect equipment.	In Compliance

RECOMMENDED ACTION:

Administrative Action Case No. 1968 is approved subject to the following conditions:

1. ____ Except as set forth in conditions, development shall remain substantially as shown on the approved plans. New development must be approved by the Planning Department prior to construction.
2. ____ This application shall not be effective until the applicant has first filed at the office of the Planning Department a sworn affidavit by **July 1, 2021** both acknowledging and accepting all conditions of approval of this Administrative Action. Failure to provide the City of Paramount with the requisite affidavit shall render the Administrative Action void.
3. ____ No future exterior structural alteration, other than those building treatments previously approved, shall be permitted without the prior approval of the Planning Director.
4. ____ The use of tarps is prohibited in front setbacks, side setbacks that abut an alley or street, and over driveways.
5. ____ No wrought iron, metal, steel, etc. security bars shall be installed on the exterior of any window with visibility from the public rights-of-way.
6. ____ Landscaping shall be maintained to the satisfaction of the Planning Department in perpetuity. Landscape changes are subject to Planning Department review and approval. Mature trees shall not be removed without prior approval by the Planning Department. Plant material shall be maintained in a thriving condition, free from weeds and overgrowth, in perpetuity in compliance with Chapter 17.96 (Water-Efficient Landscape Provisions) of Title 17 (Zoning Ordinance) of the Paramount Municipal Code.
7. ____ Sufficient quantities of exterior paint shall be maintained for the removal of graffiti, peeling paint, or other blemishes on the exterior of buildings.
8. ____ The project shall comply with all pertinent Building and Safety Division requirements.



9. ____The operator shall, at all times, maintain and comply with required operating permit from all pertinent agencies.
10. ____The responsible party shall maintain to the extent feasible the existing equipment, materials, and uses as listed to the Planning Department in the application materials for this Administrative Action, including but not limited to all equipment, materials, or uses permitted by the City, South Coast Air Quality Management District, Los Angeles County Fire Department, Los Angeles County Sanitation District, and the Regional Water Quality Control Board. The responsible party shall notify the Planning Department of proposed equipment that requires building, mechanical, plumbing, or electrical permits or a combination one or more permits. The responsible party shall notify the Planning Department of proposed uses. Any new equipment, materials, or uses must comply with the Paramount Municipal Code and the conditions set forth herein.
11. ____The responsible party shall comply with and maintain required permits from all other applicable regulatory agencies, including but not limited to the United States Environmental Protection Agency, the Los Angeles County Fire Department, the South Coast Air Quality Management District, the State Water Resources Control Board, and the Los Angeles Regional Water Quality Control Board, and the City of Paramount. The use of Best Available Control Technology is required at minimum. A facility shall install Lowest Achievable Emission Rate equipment if required by the South Coast Air Quality Management District.
12. ____The use shall comply with required housekeeping and best management practices of the South Coast Air Quality Management District and all applicable regulatory government agencies.
13. ____To the extent that installation of emissions control equipment, including retrofit equipment, is required by an applicable South Coast Air Quality Management District rule or regulation, then such required emissions control equipment shall comply with Best Available Control Technology requirements. A facility shall install Lowest Achievable Emission Rate equipment if required by the South Coast Air Quality Management District.
14. ____Core production and manufacturing activities shall be conducted within an enclosed structure. Notwithstanding the foregoing, ancillary activities including but not limited to maintenance; inspection; measuring; active packing, loading, and unloading of deliveries shall be permitted outdoors. Other ancillary activities shall be approved by the Planning Director.
15. ____All feasible building resiliency and environmental sustainability provisions shall be incorporated into any new construction and significant building rehabilitation.
16. ____Certification from the International Standardization Organization (ISO) or equivalent international standard-setting body as relevant regarding environmentally sustainable practices and organization shall be maintained as feasible.



17. ____Public tours of the business operation shall be reasonably accommodated at least once each year for the purpose of informing the public of business operations and practices. A comprehensive information session at an off-site location is acceptable provided direct facility access impedes public safety or compromises proprietary processes, as determined by the business owner in consultation with the Planning Director. The operator shall provide details to the Planning Department at least three weeks in advance of a public tour or equivalent information session annually. The operator shall submit documentation of the public tour (e.g. sign-in sheets or meeting handouts) to the Planning Department annually.
18. ____With consideration of days and hours of operation, specific operations shall be mitigated to minimize impacts upon surrounding uses and infrastructure. Deliveries shall be limited to the hours of 7:00 a.m. to 8 p.m. as much as possible to mitigate or minimize impacts directly relating to such activity on surrounding uses and infrastructure.
19. ____The applicant shall comply with all relevant labor laws and regulations of the Division of Labor Standards Enforcement of the California Department of Industrial Relations and the Division of Occupational Safety and Health (Cal/OSHA).
20. ____The applicant shall comply with all relevant regulations for the disposal of waste of all pertinent agencies, including but not limited to the California Department of Resources Recycling and Recovery (CalRecycle) and California Department of Toxic Substances Control (DTSC).
21. ____The operator shall coordinate in good faith with the Planning Director or designee for an annual onsite inspection to be conducted by December 31 of each year with Planning Department staff and Public Safety Department staff to verify approved structures, operations, and equipment. The operator shall accept personnel from applicable regulatory agencies as needed to accompany City of Paramount staff during the course of annual inspections.
22. ____The existing wall sign shall be maintained in good condition. The wall sign may be replaced in the future following separate Planning Department review and approval of a sign proposal.
23. ____The operator shall comply with all conditions of approval and mitigations of Conditional Use Permits Nos. 470, 764, and 841.
24. ____All conditions of approval shall be met prior to final approval by the Planning Department.