

General information

Public comment period begins: June 25, 2025
Public comment period ends: July 25, 2025
Current permit issued: January 19, 2023
Current permit expiration date: January 19, 2028

Name and address of Permittee:

FFS Incorporated
13220 Doyle Path E
Rosemount, MN 55068-2510

Facility name and location:

Spectro Alloys Corp
13220 Doyle Path E
Rosemount, MN 55068-2510
Dakota County
T115N, R18W, Section 019

MPCA contact person:

Jesse Loi
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road
Saint Paul, MN 55155
Phone: 651-757-2330
Email: jesse.loi@state.mn.us

File manager phone: 651-757-2728 or
844-828-0942

A draft permit and supporting documentation are available for review on the MPCA Public Notices webpage at <https://www.pca.state.mn.us/get-engaged/public-comments>. Additional materials relating to the issuance of this permit are available for inspection by appointment at any MPCA office (<https://www.pca.state.mn.us/about-mPCA/contact-us>) between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. The MPCA will mail or email a copy of the draft permit upon request. Comments, petitions, and other requests must be received at the MPCA in writing on or before the public comment period end date and U.S. Mail comments must be received by 4:30 p.m.

Description of major amendment

Spectro Alloys Corp. (Spectro) is a secondary aluminum processing plant. Spectro takes in aluminum scrap (aluminum sheets, construction debris, aluminum turnings, etc.) and processes it into aluminum alloys ingots. Spectro operates a hammermill and aluminum processing lines, which primarily consists of six furnaces, a scrap dryer, casting conveyors, and natural gas fired heating equipment.

This amendment authorizes the construction of four new emission units: a billet furnace, associated billet furnace combustion, and two homogenizing furnaces. The billet furnace and billet furnace combustion are physically one unit, but is represented in the permit as two separate subject items: one reflects emissions from processing aluminum, and the other reflects emissions from natural gas combustion to heat the furnace. The Permittee is also further increasing the maximum capacity of the previously permitted billet casting conveyor to accommodate the additional billet production. Additionally, one other furnace has been shutdown and decommissioned at the facility, and the unit has been removed from the permit as a result.

The preliminary determination to modify this Air permit is tentative.

The permit action is for modification and operation of the facility. The permit action is a major amendment; therefore, the draft permit has been placed on public notice.

A summary of the Potential to Emit (PTE) and Emissions Increase in tons per year is as follows:

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	CO	CO _{2e}	Lead
Total Facility PTE	90.9	88.7	87.2	5.60	94.9	85.8	83.4	120,260	0.468
Emissions Increase from new and modified emission units	19.9	19.9	19.9	2.12	32.7	24.0	26.7	37,925	0.128
Total Emissions Increase from past projects combined	72.2	66.4	62.6	2.26	57.6	45.0	48.2	66,667	0.415

PM = Particulate Matter

PM_{2.5} = PM, 2.5 microns and smaller

NO_x = Nitrogen Oxides

PM₁₀ = PM, 10 microns and smaller

SO₂ = Sulfur Dioxide

VOCs = Volatile Organic Compounds

The Permittee is not required to submit a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.

Procedure for public participation

As stated in Minn. R. chs. 7000 and 7001, there are three formal procedures for public participation in the MPCA's consideration of this matter. Interested persons may:

- 1) Submit written comments on the draft permit.
- 2) Petition the MPCA to hold a public informational meeting.
- 3) Petition the MPCA to hold a contested case hearing.

Submitting written comments

Comments may be submitted:

- 1) Online at <https://mpca.commentinput.com/comment/search>; or
- 2) By U.S. postal mail to the following address:
Jesse Loi
Minnesota Pollution Control Agency
520 Lafayette Road
Saint Paul, MN 55155

Submitted comments or petitions must state:

- 1) Your interest in the permit application or the draft permit.
- 2) The action you wish the MPCA to take, including specific references to the section of the draft permit you believe should be changed.
- 3) The reasons supporting your position, stated with sufficient specificity as to allow the MPCA to investigate the merits of the position.

Public informational meeting

A public informational meeting is an informal meeting during which interested persons can ask questions concerning the proposed facility. MPCA staff will be present to provide information. If an interested person would like the MPCA to hold a public informational meeting, the person should include all information identified above and in addition include a statement of the reasons the person desires the MPCA to hold a public informational meeting and the issues that the person would like the agency to address at the public informational meeting.

Contested Case Hearing

A contested case hearing is a formal proceeding before an administrative law judge empowered to advise the MPCA regarding issues of fact. As described in Minn. R. 7000.1800, persons who submit petitions for a contested case hearing must also state the issues they propose to address in a contested case hearing, the specific relief requested or resolution of the matter, and the reasons (which may be in the form of proposed findings) supporting an MPCA decision to hold a contested case hearing. Failure to comply with these rules exactly may result in a denial of the request. To the extent known, the petitioner may also submit a list of prospective witnesses to be called at a hearing, a proposed list of publications, references, or studies to be introduced at a hearing and the approximate time required for the petitioner to present the matter at a hearing. The decision whether to hold a contested case hearing will be made under Minn. R. 7000.1900.