



State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-NN103670031-24

August 29, 2024

Salt Lake Tribune and Deseret News
Legal Advertising Dept.
P.O. Box 704055
West Valley City, UT 84170
Acct #9001399880

RE: Legal Notice of Intent to Approve

This letter will confirm the authorization to publish the attached NOTICE in the Salt Lake Tribune and Deseret News on September 1, 2024.

Please mail the invoice and affidavit of publication to the Utah State Department of Environmental Quality, Division of Air Quality, P.O. Box 144820, Salt Lake City, Utah 84114-4820. If you have any questions, contact Jeree Greenwood, who may be reached at (385) 306-6514.

Sincerely,

Jeree Greenwood
Office Technician

Enclosure

cc: Salt Lake County
cc: Wasatch Front Regional Council

NOTICE

A Notice of Intent for the following project submitted in accordance with R307-401-1, Utah Administrative Code (UAC), has been received for consideration by the Director:

Company Name: Asahi Refining USA, Inc.

Location: Asahi Refining USA, Inc. - Precious Metals Refinery – 4601 West 2100 South, West Valley City, UT

Project Description: Asahi Refining USA, Inc. (Asahi) currently operates a precious metals refinery in West Valley City, Salt Lake County. Mined doré and scrap are melted and tested for purity using small electric induction furnaces, and then separated depending on gold and silver content. Separation is achieved by using various inorganic chemicals and electrolytic methods. Silver is poured into anode molds and then placed into the electrolytic cells. The cells contain silver nitrate solution, and the low voltage current causes silver crystal to form onto a cathode plate. The silver crystal is scraped off and collected.

Asahi has requested to add one (1) new electric tilt furnace. The new electric tilt furnaces will have the same control technologies as the existing electric tilt furnaces: a nanofilter baghouse made by UAS or the combination of the venturi scrubber, WESP II, and scrubber #359. Asahi is not requesting to increase any production and/or operational limits. No emissions are increasing as a result of the new electric furnace. Equipment ID # II.A.15 has been updated to reflect the additional electric tilt furnace.

Asahi is also requested to add one (1) EPA-certified, 850 horsepower (550 kW) natural gas-fired emergency generator engine to provide power to the existing scrubbers and other critical equipment during a loss of line power.

The completed engineering evaluation and air quality impact analysis showed the proposed project meets the requirements of federal air quality regulations and the State air quality rules. The Director intends to issue an Approval Order pending a 30-day public comment period. The project proposal, estimate of the effect on local air quality and draft Approval Order are available for public inspection and comment at the Utah Division of Air Quality, 195 North 1950 West, Salt Lake City, UT 84116. Written comments received by the Division at this same address on or before October 1, 2024, will be considered in making the final decision on the approval/disapproval of the proposed project. Email comments will also be accepted at cbodell@utah.gov. If anyone so requests to the Director in writing within 15 days of publication of this notice, a hearing will be held in accordance with R307-401-7, UAC.

Under Section 19-1-301.5, a person who wishes to challenge a Permit Order may only raise an issue or argument during an adjudicatory proceeding that was raised during the public comment period and was supported with sufficient information or documentation to enable the Director to fully consider the substance and significance of the issue.

Date of Notice: September 1, 2024