

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION – BUREAU OF AIR POLLUTION CONTROL

Director's Review and Preliminary Determination of Permit Issuance for

**Chart, Inc.
McCarran Facility
Storey County, Nevada
September 29, 2025**

Chart, Inc. (Chart) submitted an application for a revised Class II Air Quality Operating Permit, AP3443-2616.03, FIN A1056, for the Chart, Inc. facility in Storey County, Nevada. The project is located in the Tahoe Regional Industrial Complex off of Peru Dr. in all or portions of Sections 2, 3, 10, and 11, Township 19 N, Range 22 E, M.D.B.&M.

In the Class II Revision application, Chart requested to make several updates to various emission units: S2.001 – increase spray paint and solvent throughput, and updated solvent usage from Amercoat 101 Thinner to both Amercoat 101 Thinner and Amercoat 65 Thinner. Remove time of day operating restrictions, to operate 24 hr/day 8760 hr/year. S2.002 – facility wide solvent use has changed to using acetone which is not a VOC emitting solvent. Chart requested to have this emission unit removed from the facility. S2.003 – remove operating restrictions and increase hours of operation to 24 hr/day, 8760 hr/year. S2.004 – increase the annual number of valves processed, use a grain loading factor of 0.002 gr/scf based on manufacture guarantee, and remove operating restrictions to increase operating hours to 24 hr/day, 8760 hr/year. S2.005 – updated the grain loading factor to 0.002 and remove the time-of-day operating restrictions to increase hours of operation to 24 hr/day and 8760 hr/year. System 5 – added 4 welding emission units, increased welding material used to 5,000 pounds and change monitoring and recordkeeping requirements from a weekly basis to a monthly basis of consumption.

The Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC) has reviewed the application for the above-referenced operating permit, and has made a preliminary determination to issue the operating permit. The facility-wide Potential to Emit (PTE), including emissions from Non-Permit equipment are given in the table below.

Current emissions estimates indicate Chart is a <i>Class II source</i> , because the facility-wide PTE for any individual regulated pollutant is <i>less</i> than 100 tons per year.	<i>Chart's Potential to Emit (PTE)</i>			
	Pollutant		Revision Net Change (tons/year)	Facility-Wide (tons/year)
	PM	Particulate Matter	1.62	3.11
	PM ₁₀	Particulate Matter ≤ 10 microns in diameter	1.62	3.11
	PM _{2.5}	Particulate Matter ≤ 2.5 microns in diameter	1.62	3.11
	SO ₂	Sulfur Dioxide	0.00	0.010
	NO _x	Oxides of Nitrogen	0.00	1.38
	CO	Carbon Monoxide	0.00	0.93
	VOC	Volatile Organic Compounds	54.29	63.06
	Pb	Lead	0.00	0.0013
	HAPs (all)	Hazardous Air Pollutants	9.83	13.18

The project is located in Air Quality Hydrographic Area (HA) 83 of the Tracy Segment. HA 83 is designated as PSD and is triggered for PM10, NO2, and SO2 Chart will be subject to 40 CFR Part 63, Subpart XXXXXX, Standards for Nine Metal Fabrication and Finishing Source Categories.

Air dispersion modeling conducted by the applicant and the Nevada Division of Environmental Protection – Bureau of Air Quality Planning (BAQP) demonstrates that continued operation of Chart, will not violate any air quality standard.

Chart must comply with all State and Federal air quality requirements and all conditions established within the proposed draft Class II Air Quality Operating Permit.