

The San Joaquin Valley Air Pollution Control District (District) amended District Rule 4702 on August 19, 2021 for the purpose of reducing nitrogen oxide (NO_x), carbon monoxide, (CO) and volatile organic compound (VOC) emissions from spark-ignited internal combustion (IC) engines. The amendment included a requirement for agricultural engine operators to submit either an *Application for Authority to Construct and Inspection Maintenance Plan*, *Permit Exempt Equipment Registration Supplemental Application*, or an *Emission Control Plan* to the District, which can be found online through the following links.

Permitted Engines:

<https://www.valleyair.org/busind/pto/ptoforms/R4702-Compliance-Application-Form-for-Ag-SI-Engine.pdf>

Registered Engines:

<https://www.valleyair.org/busind/pto/PEER/ApplicationForms.htm>

Agricultural operators of spark ignited rich burn engines that have not yet completed their submittal must do immediately. Following their submittal, operators have a second deadline to demonstrate compliance with the new emission limits. The table below summarizes these new emission limits, and the deadlines to achieve them.

Existing Agricultural IC Engine Category	Emission Control Plan Due	Emission Limits			Compliance Date
		NO _x	CO	VOC	
Spark Ignited – Rich Burn	8/1/22	0.15 g/bhp-hr or 11 ppmv	2000 ppmv	90 ppmv	12/31/23
Spark Ignited – Lean Burn	8/1/28	0.6 g/bhp-hr or 43 ppmv	2000 ppmv	90 ppmv	12/31/29 or 12 years after engine installation, whichever comes later

In addition to serving as a reminder to owners and operators of subject IC engines regarding the upcoming compliance dates, the District also wants to make sure that Valley growers are aware of grant funding opportunities to transition to cleaner and more efficient alternatives. The District is accepting applications for monetary incentives to replace current agricultural engines prior to the compliance dates listed, including the replacement of existing diesel, natural gas, or propane powered agricultural irrigation pump engines with new electric motors. Please note that this incentive funding is a first-come, first-served program and those interested should take advantage of this opportunity now while there is still funding available. Additional information regarding the District's Ag Pump Engine Replacement Program as well as grant applications and program guidelines can be found online at:

<https://ww2.valleyair.org/grants/ag-pump-program/>.

For questions regarding Rule 4702, compliance assistance, or the Ag Pump Engine Replacement program, please call (559) 230-6000.