

# Proposed Amendments to Rule 4905 (Natural Gas-Fired, Fan-Type Central Furnaces)

San Joaquin Valley Air Pollution Control District  
Governing Board Meeting  
October 15, 2020

# Rule 4905 Requirements

- Adopted in 2005, Rule 4905 is a point-of-sale rule that limits NO<sub>x</sub> emissions from natural gas-fired furnaces
- Due to concerns raised by manufacturers about technology development, 2015 amendments allowed sale of non-compliant units during initial implementation period (36 months) in exchange for payment of emissions fee for each non-compliant unit sold
- Rule 4905 again amended in 2018 to extend certain compliance deadlines due to lack of readiness of compliant low-NO<sub>x</sub> technologies

# Additional Time Needed for Technology Development

- Through past regulatory efforts, manufacturers successful in meeting deadlines and developing furnace technologies that meet 14 ng/J NO<sub>x</sub> limit for *non-weatherized* condensing and non-condensing units
- COVID-19 impacts have delayed ability of manufacturers to develop compliant *weatherized units* by September 30, 2020 deadline
  - Supply chains affected; labor shortage
  - Travel restrictions have affected testing of new units
- Manufacturers have requested additional time to develop compliant *weatherized* units

# Proposed Rule 4905 Amendments

- District worked closely with SCAQMD to address concerns raised by furnace manufacturers to develop compliant weatherized furnaces
- Proposed amendments would extend compliance period for all weatherized furnaces by 12 months to September 30, 2021
  - Parallels extensions by SCAQMD in Sept. 2020 Rule 1111 amendment
- Continue sell-through period of 6-months for weatherized units
- No changes to non-weatherized furnace categories
- Definition clarifications and removal of outdated requirements that do not result in any new impacts to affected entities

# Rule Development Public Process

- District worked closely with affected manufacturers earlier in 2020 as technology timeline challenges began to arise due to the COVID-19 pandemic
- Public workshop held on August 25, 2020 with subsequent public comment period
  - Comments have assisted in developing proposed amendments
  - Proposed rule generally supported by manufacturers
- Proposed amendments to Rule 4905 publicly noticed and made available on September 15, 2020 ahead of today's public hearing

# Recommendations

- Adopt proposed amendments to Rule 4905 (Natural Gas-Fired, Fan-Type Central Furnaces)
- Authorize the Chair to sign the attached Resolution