

CARB Vapor Recovery Update

Presented at the
NESCAUM Stage II
Vapor Recovery
Meeting

Cindy Castronovo
Air Resources Board
Cal-EPA



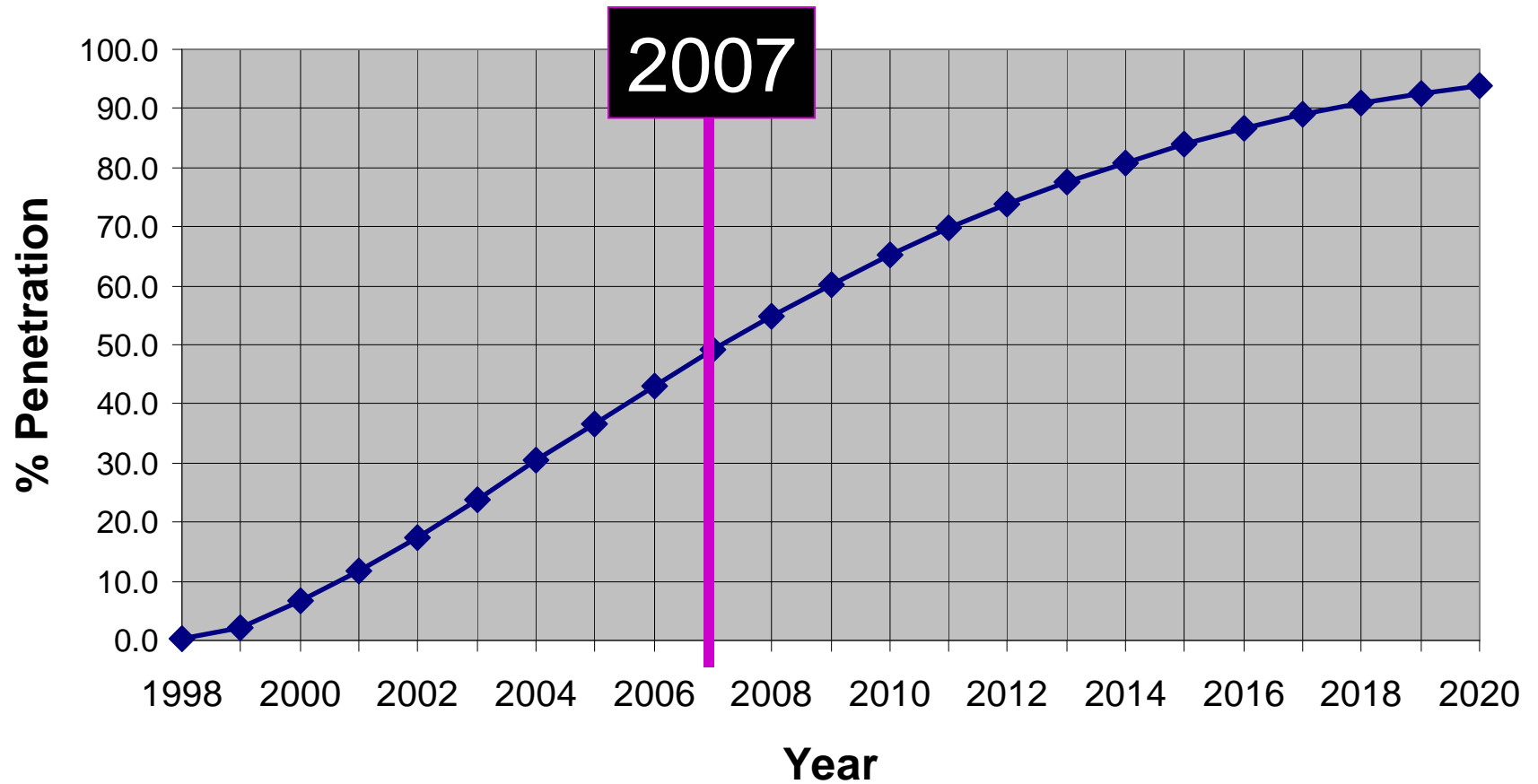
Outline

- How will USEPA “widespread use” determination affect California?
- Future of Stage II Vapor Recovery with ORVR systems
- Scope of ARB’s certification program
- New Exam for Vapor Recovery Installation Contractors
- EVR Implementation Overview

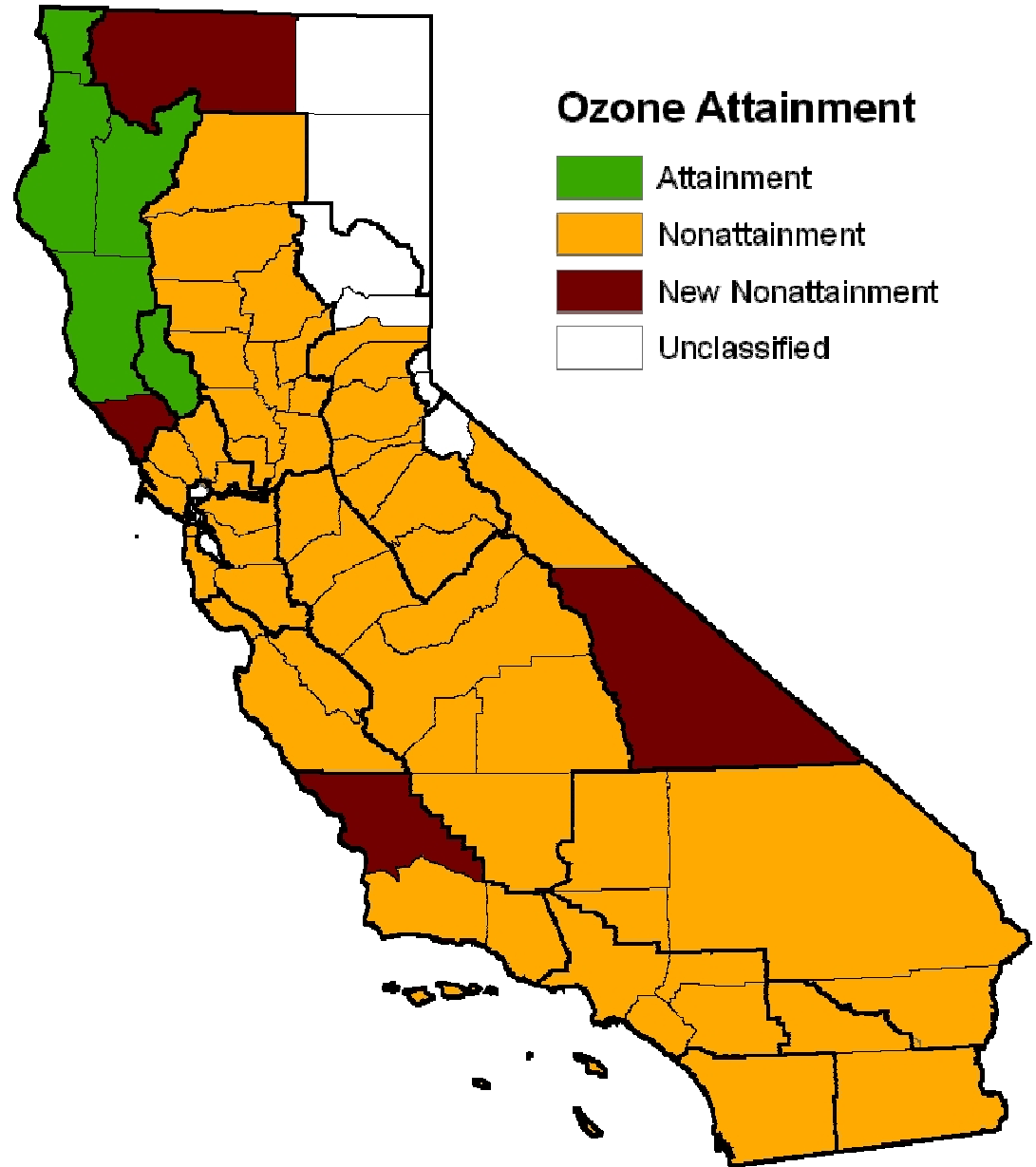
US EPA “widespread use” of ORVR Vehicles

- Phase II systems are required by federal, state and local agencies
- US EPA may allow removal of Phase II vapor recovery systems in next 10 years
- CA expects to keep Phase II systems until 2020 or longer to maintain emission reductions

ORVR Vehicle Penetration



CA State Ozone Attainment Designations



“Stage III” Vapor Recovery?

- Phase II defined in California as “the control of vapors during the transfer of gasoline to the vehicle and storage of gasoline at the gasoline dispensing facility”
- Consider continued controls on gasoline spillage and fugitives from gasoline storage even after remove transfer controls
- “Phase III” systems could include “dripless” nozzles, storage tank pressure limits and in-station diagnostics systems

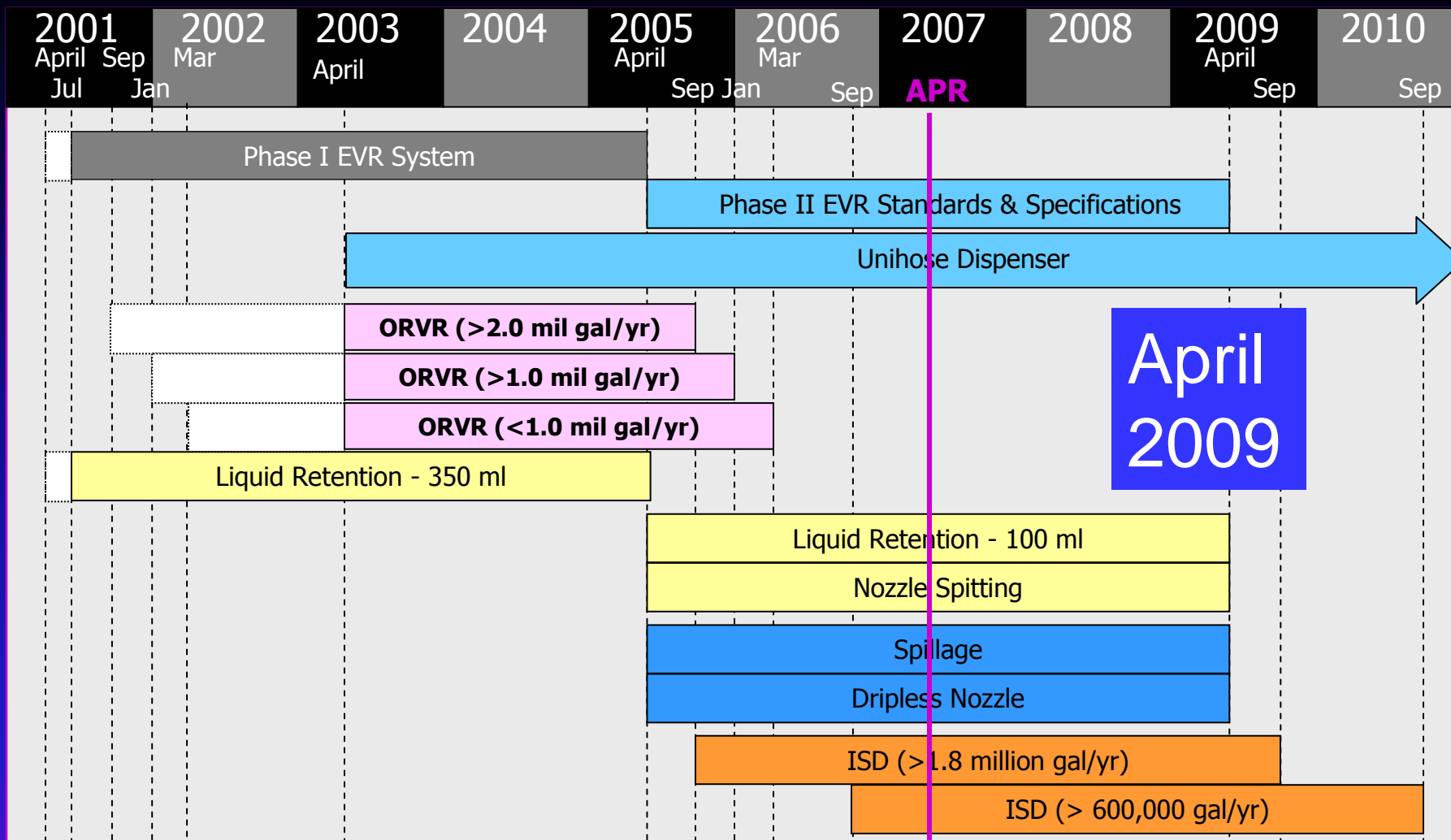
ARB Certification Program





- Certify vapor recovery systems and equipment that can be installed or sold in California
- Focus on EVR Phase II Systems
- Replacement parts for in-use systems
- Note: All Phase II systems in CA are ORVR-compatible

ICC Vapor Recovery System Installer Exam

- ICC = International Code Council
- Maintain exams for UST program
- Exam panel includes ARB, SWRCB, contractors and gasoline marketers
- Exam available March 2007
- May be required by district rule or permit condition

EVR Timeline (updated June 2006)



-  Dotted box: time between start of 4-year clock and operative date
-  Start of solid bar: date required for new or modified facilities (operative date)
-  End of solid bar: date required for existing facilities (installed before start of bar)
-  Not required for dispensers installed before April 2003

Questions?

