

Off-Road Compression-Ignition Engines

Q/A and Update

2008 EMA Certification Workshop

April 15, 2008

California Environmental Protection Agency

 **Air Resources Board**

OFCI – INFREQUENT REGENERATION

- Guidelines for infrequent regeneration provided in §1039.525
- Develop upward/downward adjustment factors for each engine family
- May calculate different adjustment factors for separate configurations in the same family
- Carryover or carry-across adjustment factors allowed based on §1039.235 (d)
- Apply frequency factor when calculating the adjustment factors

OFCI – MAINTENANCE INTERVALS

- Maintenance instructions to consumers described in §1039.125
- Critical emission-related maintenance is subject conditions outlined in §1039.125 (a)
- Recommended additional maintenance is optional and is not necessary to keep the emission-related warranty
- Non emission-related maintenance can be performed at manufacturer recommended intervals

OFCI – INTERIM / FINAL IMPLEMENTATION

- Phase-in requirements outlined in §1039.102 (c)
- Credit banking and alternate phase-in for 56-130 kW engines described in §1039.102 (d)
- Alternate NO_x standards for 56-560 kW category are defined in §1039.102 (e)

Any Questions ??



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