**Rule 4702 Requirements for AO IC Engines**
*(Rule Version 1/18/07)*

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**ICE > 50 bhp?**
- **No** → The ICE is not subject to Rule 4702.
- **Yes**

**All AO Engines Shall:**

**Monitoring:**
1. Operate and Maintain ICE per Mfr (§5.7.2)
2. Monitor Operational Characteristics per Mfr (§5.7.3)
3. Non-resettable elapsed operating time meter (§5.7.4)

**Recordkeeping:**
1. Monthly Operating Log (§6.2.1)

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**Spark Ignited ICE**

**Requirements of §5.1, Table 1:**

**Rich Burn** - Comply w/limits by 1/1/09 or if owner has "Agreement to Electrify", comply by 1/1/10:
- NOx - 90 ppmv or 80% reduction
- CO - 2000 ppmv
- VOC - 250 ppmv

**Lean Burn** - Comply w/limits by 1/1/09 or if owner has "Agreement to Electrify", comply by 1/1/10:
- NOx - 150 ppmv or 70% reduction
- CO - 2000 ppmv
- VOC - 750 ppmv

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**ICE retro-fitted w/an exhaust control?**
- **No**
- **Yes** → CERTIFIED PER §9.0?

**Certified Per §9.0?**
- **Yes** → Yes
- **No** → Additional Requirements:
  1. Monitoring per §5.7.5
  2. Emission Control Plan (ECP) per §6.1
  3. Compliance Testing per §6.3 and §6.4
  4. Inspection & Monitoring (I&M) Plan per §6.5

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**Compression Ignited ICE?**
- **No**
- **Yes**

**Additional Requirements:**
- 1. Monitoring per §5.7.5
- 2. Emission Control Plan (ECP) per §6.1
- 3. Compliance Testing per §6.3 and §6.4
- 4. Inspection & Monitoring (I&M) Plan per §6.5

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**Non-Certified (Tier 0) ICE Requirements of §5.1, Table 2:**

The dates below are based on the engine in place as of June 1, 2006.

- **> 50 bhp and ≤ 500 bhp** - Meet EPA Tier 3 or 4 by 1/1/10
- **> 500 bhp, ≤ 750 bhp, and < 1,000 hr/yr** - Meet EPA Tier 3 by 1/1/10
- **> 750 bhp and < 1,000 hr/yr** - Meet EPA Tier 4 by 7/1/11
- **> 500 bhp and ≥ 1,000 hr/yr** - Comply w/limits by 1/1/08 or if owner has "Agreement to Electrify", comply by 1/1/10:
  - NOx - 80 ppmv
  - CO - 2000 ppmv
  - VOC - 750 ppmv

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**EPA Tier 1 or 2** - Meet EPA Tier 4 by 1/1/15 or 12 years after install date, but no later than 2018.

**EPA Tier 3 or 4** - Meet latest available certification at time of installation.

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**At a Farm that emits < 12.5 ton/yr of NOx and VOCs?**
- **Yes** → Proceed w/PEER application 3 months prior to 4702 full compliance date shown in §5.1.
- **No** → Proceed w/ATC application 6 months prior to 4702 full compliance date shown in §5.1.

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6/15/07