

## Spark-Ignition Marine Watercraft (SIMW) Design-Based Certification Templates (Applicable to 2018 MY and Later Watercraft)

ARB has developed a streamlined design-based certification process for boat builders to certify SIMW and receive a California Executive Order (EO). Specifically, boat builders who want to sell in California should follow one of the following options:

### Option 1 - One-step Design-Based Certification Process:

Boat builder (or NMMA acting on their behalf) must submit a full application and receive an EO before offering boats for sale in California. Please find listed below the documents that boat builders must submit as part of the certification application:

1. Full Design-Based Certification Application  
(See Attachment: "SAMPLE DESIGN-BASED CERTIFICATION APPLICATION")
2. Sample combined U. S. Coast Guard/NMMA/ARB/EPA emissions label format template  
(See Attachment: "SAMPLE CALIFORNIA EVAPORATIVE EMISSIONS LABEL")
3. Sample California emissions warranty statement template  
(See Attachment: "CALIFORNIA EVAPORATIVE EMISSION CONTROL WARRANTY STATEMENT")
4. Description of the evaporative family naming convention for SIMW, aligned with EPA  
(See Attachment: "SIMW California Evaporative Family Naming Convention")

### Option 2 - Two-step Design-Based Conditional EO Certification Process:

Please see attached flow-chart titled "Draft Proposed SIMW Optional Conditional EO Certification Process" describing the two-step design-based conditional EO certification process. The two main steps are:

1. Boat builder (or NMMA acting on their behalf) must submit a signed statement of compliance letter and receive interim approval (a conditional EO, which will be issued within 30 days of receipt of the compliance letter) before offering boats for sale in California  
(See Attachment: "DESIGN-BASED CONDITIONAL CERTIFICATION COMPLIANCE LETTER")
2. Boat builder (or NMMA acting on their behalf) must submit a full application (including all three documents listed above in Option 1) within 90 days of the signed statement of compliance letter and receive an EO as in the one-step process.

**SAMPLE DESIGN-BASED CERTIFICATION APPLICATION  
(APPLICABLE TO 2018 MY & LATER WATERCRAFT)**

May 19, 2017

Chief, Emissions Compliance, Automotive Regulations and Science Division  
Air Resources Board  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731

Evaporative Family Name: **JXYZPVSSLAAA** Application Type:  New  Running Change  
 Field Fix

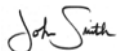
**XYZ Company** hereby submits the certification application and makes the following statements of compliance regarding the **2018** model year certification of its spark-ignition marine watercraft.

- 1) Conformance with the general standards and requirements as required in Title 13, Chapter 15, Article 4, Sections 2850-2869 of the California Code of Regulations.
- 2) Conformance with the applicable fuel system requirements as required in 13 CCR, Section 2855(b), (including Deck Fill Plate Compatibility Standard, California Fuel Compatibility Standard, and Primer Bulb Requirements)
- 3) Conformance with the labeling and warranty requirements as required in 13 CCR, Sections 2859, 2860, 2861, and 2862.
- 4) Conformance with the fuel injection definition or equivalent performance standard and tamper resistance requirements as required in 13 CCR, Sections 2855(a) and 2856(e), respectively.
- 5) Production evaporative systems shall be in all material respects the same as those for which certification is granted.
- 6) Installation will be completed as directed by the component manufacturer and will adhere to the specifications within the referenced component Executive Order(s).

|   |  |  |  |
|---|--|--|--|
| <u>D1. Fuel Tank Executive Order(s)</u><br><b>RM-17-001</b>   | <u>D2. Fuel Line Executive Order(s)</u><br><b>RM-17-006, RM-17-007</b> | <u>D3. Carbon Canister/Venting System (Diurnal) Executive Order(s)</u><br><b>RM-17-025 10L-30L</b><br><b>RM-17-026 30L-50L</b>   |  |
| <u>D4. Manufacturer Contact</u><br>Contact: <b>John Smith</b><br>Title: <b>Engineer</b><br>Company: <b>XYZ Company</b><br>Address: <b>555 Any Street</b><br><b>Sacramento, CA 94203</b><br>Phone No.: <b>555-555-5555</b><br>Fax No.: <b>555-555-5555</b><br>Email: <b>jsmith@xyz.com</b> |  | <u>D5. Production Plant Location/Contact</u><br>Contact: <b>Jane Smith</b><br>Title: <b>Plant Manager</b><br>Company: <b>XYZ Company</b><br>Address: <b>555 Factory Street</b><br><b>El Monte, CA 91731</b><br>Phone No.: <b>555-555-5555</b><br>Fax No.: <b>555-555-5555</b><br>Email: <b>janesmith@xyz.com</b> |  |
| <u>D6. Watercraft Type</u><br><input type="checkbox"/> Personal Watercraft<br><input type="checkbox"/> Outboard<br><input checked="" type="checkbox"/> Inboard<br><input type="checkbox"/> Sterndrive<br><input type="checkbox"/> Jetboat<br><input type="checkbox"/> Other: _____        |  | <u>D7. Watercraft Specifications</u><br><input checked="" type="checkbox"/> Trailerable (≤26ft) <input type="checkbox"/> Nontrailerable (>26ft)<br><input type="checkbox"/> Less than 30kW <input checked="" type="checkbox"/> Greater than 30kW   |  |
|   |  | <u>D8. Evaporative Warranty/Label Approvals</u><br>Label Approval #: <b>NMC-2017-003</b><br>Warranty Approval #: <b>NMC-2017-004</b>   |  |
| <u>D9. Confidential Information</u><br>D9a. Projected California sales(units): <b>300</b> D9b. Projected 50-State Sales (units): <b>3000</b><br>D9c. Introduction into commerce date: <b>7/1/2017</b>   |  |  |  |

If you have any questions, please contact me at **555-555-5555**.

Sincerely,



**John Smith**  
**Engineer**

|   |
|---|
| For ARB use only<br>E.O.#: _____<br>Processed by: _____<br>Reviewed by: _____ |
|---|

Evaporative Family Name: **JXYZPVSSLAAA**

**MODEL SUMMARY**

| D10. Marine Watercraft or Boat Model | D11. Sales Codes |          | D12. Fuel Tank Nominal Vol. (Liters) | D13. Fuel Tank Material | D14. Fuel Line Type | D15. Fuel Tank Executive Order | D16. Fuel Line Executive Order | D17. Carbon Canister/Venting System Executive Order | D18. Meets Canister Fuel Tank Volume Reqs? | D19. Auxiliary Engine Installed* |
|--------------------------------------|------------------|----------|--------------------------------------|-------------------------|---------------------|--------------------------------|--------------------------------|---|--|----------------------------------|
|                                      | CA Only          | 50-State |                                      |                         |                     |                                |                                |   |  |                                  |
| XYZ 210 Select                       | X                |          | 20                                   | HDPE                    | A1-10               | RM-17-001                      | RM-17-006                      | RM-17-025   | Yes  | No                               |
| XYZ 230 Sundeck                      |                  | X        | 35                                   | HDPE                    | A1-10               | RM-17-001                      | RM-17-007                      | RM-17-026   | Yes  | No                               |
| XYZ 255 Sundancer                    |                  | X        | 45                                   | HDPE                    | A1-10               | RM-17-001                      | RM-17-007                      | RM-17-026   | Yes  | No                               |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |
|                                      |                  |          |                                      |                         |                     |                                |                                |   |  |                                  |

**\*D19a.** If the watercraft's fuel system is designed to support an auxiliary engine, describe fuel system for any auxiliary engines and how the requirements in section 2854 or 2855 were met:

If additional comments, please attach sheets as necessary

**SAMPLE CALIFORNIA EVAPORATIVE EMISSIONS LABEL  
(COMBINED WITH US EPA, NMMA, AND USCG)**

**U.S. COAST GUARD  
MAXIMUM CAPACITIES**

**8 PERSONS OR 1500 LBS.**

**2600 POUNDS, PERSONS, MOTOR, GEAR**

**150 HORSEPOWER MOTOR**

**THIS BOAT COMPLIES WITH U.S. COAST GUARD SAFETY  
STANDARDS IN EFFECT ON THE DATE OF CERTIFICATION**

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**EMISSION CONTROL INFORMATION**

**MEETS U.S. EPA EVAP STANDARDS USING CERTIFIED COMPONENTS  
AND MEETS YYYYY MY CALIFORNIA EVAP EMISSION REGULATIONS FOR  
SPARK-IGNITION MARINE WATERCRAFT**

**MANUFACTURER:  
MODEL:**

**CALIFORNIA EVAP FAMILY:  
EMISSION CONTROL SYSTEM:**

**DESIGN COMPLIANCE WITH NMMA REQUIREMENTS IS VERIFIED.  
MANUFACTURER RESPONSIBLE FOR PRODUCTION CONTROL.**



**NATIONAL MARINE  
MANUFACTURERS ASSOCIATION**

# CALIFORNIA EVAPORATIVE EMISSIONS CONTROL SYSTEM WARRANTY STATEMENT

## YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board and (and evaporative system builder's name, optional) is pleased to explain the evaporative emission control system's warranty on your (model year) (SIMW type). In California, new spark-ignition marine watercraft (SIMW) must be designed, built, and equipped to meet the State's stringent anti-smog standards. (evaporative system builder's name) must warrant the evaporative emission control system on your (SIMW type) for the period listed below provided there has been no abuse, neglect or improper maintenance of your SIMW.

Your evaporative emissions control system may include parts such as: canisters, carburetors, clamps, connectors, filters, fuel caps, fuel lines, fuel tanks, valves, vapor hoses, and other associated evaporative emissions control system components.

### MANUFACTURER'S WARRANTY COVERAGE:

This evaporative emission control system is warranted for two years. If any evaporative emission-related part on your SIMW is defective, the part will be repaired or replaced by (evaporative system builder's name).

### OWNER'S WARRANTY RESPONSIBILITIES:

- As the (SIMW type) owner, you are responsible for performance of the required maintenance listed in your owner's manual. (evaporative system builder's name) recommends that you retain all receipts covering maintenance on your (SIMW type), but (evaporative system builder's name) cannot deny warranty solely for the lack of receipts.
- As the (SIMW type) owner, you should however be aware that the (evaporative system builder's name) may deny you warranty coverage if your spark-ignition marine watercraft or a part has failed due to abuse, neglect, or improper maintenance or unapproved modifications.
- You are responsible for presenting your (SIMW type) to a (evaporative system builder's name) distribution center or service center as soon as the problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have a question regarding your warranty coverage, you should contact (insert chosen evaporative system builder's contact) at 1-XXX-XXX-XXXX.

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The California evaporative emissions control system warranty covers the following list of components:

- |                                     |   |
|-------------------------------------|---|
| (1) Canister Mounting Brackets      | (11) Fuel Line  |
| (2) Carbon Canister                 | (12) Fuel Line Fittings   |
| (3) Carburetor Purge Port Connector | (13) Fuel Tank  |
| (4) Clamps*                         | (14) Liquid/Vapor Separator   |
| (5) Control Cables*                 | (15) Pressure Relief Valves*  |
| (6) Control Linkages*               | (16) Purge Valves   |
| (7) Control Solenoids*              | (17) Vacuum Control Diaphragms*   |
| (8) Control Valves*                 | (18) Vapor Hoses  |
| (9) Electronic Controls*            | (19) All other parts not listed that may affect<br>the evaporative emissions control system |
| (10) Fuel Cap                       |   |

\*Note: As they relate to the evaporative emissions control system.

## SIMW California Evaporative Family Naming Convention

The California Spark Ignition Marine Watercraft (SIMW) Evaporative Family naming convention will be aligned with EPA's 12-digit family naming convention for certifying evaporative vessel manufacturers.

Example:

**JXYZPVSSLAAA**

**"J" "XYZ" "P" "VSSL" "AAA"**  
1    2 3 4    5    6 7 8 9    10 11 12

Position 1: Model year code

i.e. "J"=2018, "K"= 2019, "L"=2020

Position 2-4: EPA assigned 3-character manufacturer code

Vessel manufacturers must use the EPA-assigned 3-character manufacturer code. The instructions for new manufacturers to receive a code are located on EPA's website:

<https://www3.epa.gov/otag/verify/mfr-code.htm>

i.e. "XYZ"= XYZ Manufacturing

Position 5: "P" for permeation family

Position 6-9: "VSSL" for vessel certification

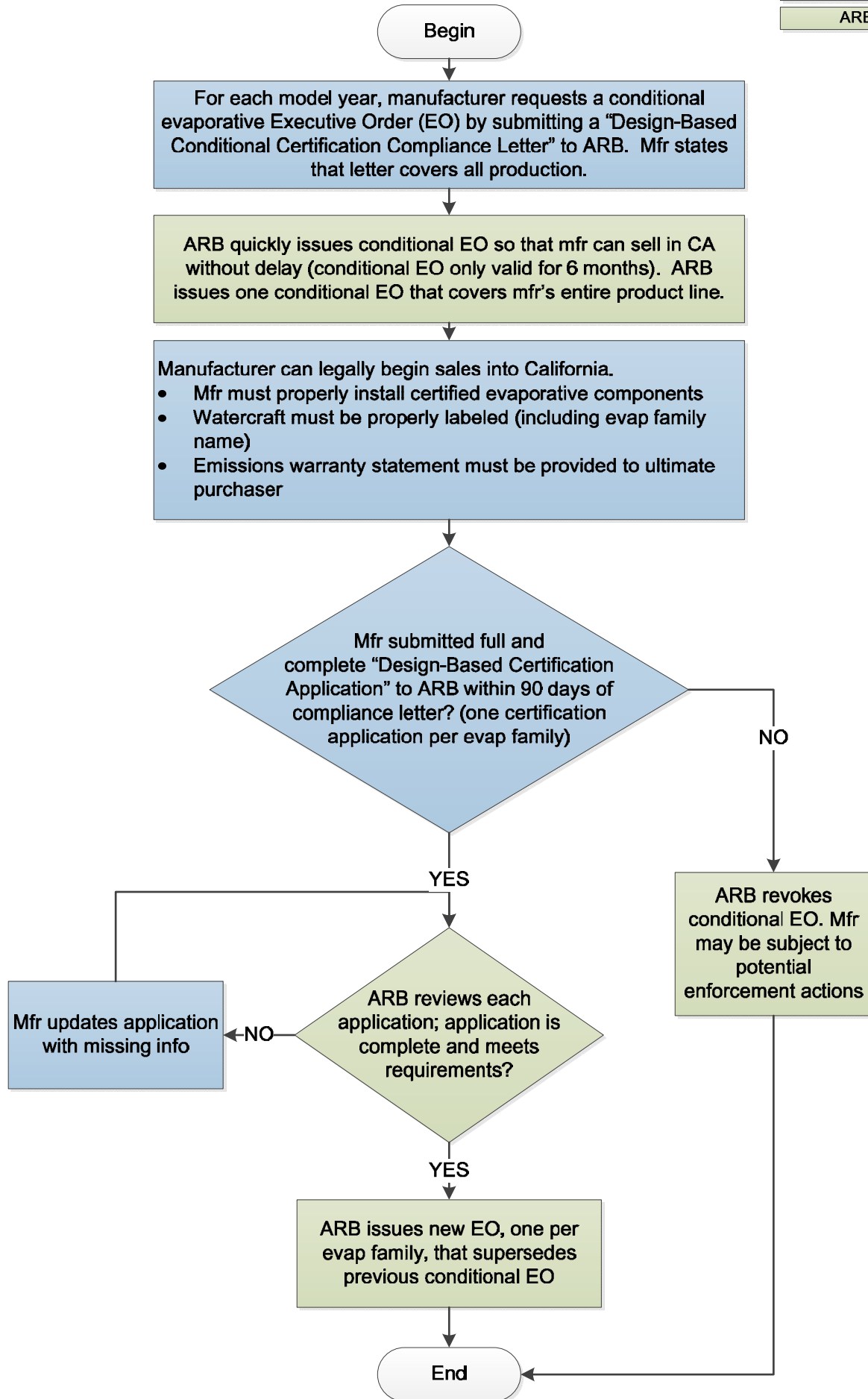
Position 10-12: Any combination of alphanumeric characters chosen by the manufacturer (to differentiate between families)

i.e. "AAA", "001", "XXX", "123", etc.

# OPTION 2: SIMW OPTIONAL CONDITIONAL EO CERTIFICATION PROCESS

SIMW Manufacturer

ARB



**OPTION 2: DESIGN-BASED CONDITIONAL CERTIFICATION COMPLIANCE LETTER  
(APPLICABLE TO 2018 MY & LATER WATERCRAFT)**

*Manufacturer's Letterhead*

**Date**

Chief, Emissions Compliance, Automotive Regulations and Science Division  
Air Resources Board  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731

*XYZ Company (the manufacturer's legal name)* hereby requests that its **20XX** model year new spark-ignition marine watercraft be conditionally certified by ARB based on the compliance statements in this letter and on its commitment to provide any information needed to demonstrate full compliance with the California emission standards for new spark-ignition marine watercraft.

*XYZ Company* hereby makes the following statements of compliance regarding the **20XX** model year evaporative certification of all of its spark-ignition marine watercraft models:

- 1) Conformance with the general standards and requirements as required in Title 13, Chapter 15, Article 4, Sections 2850-2869 of the California Code of Regulations.
- 2) Conformance with the labeling and warranty requirements as required in 13 CCR, Sections 2859, 2860, 2861, and 2862.
- 3) Conformance with the applicable fuel system requirements as required in 13 CCR, Section 2855(b), (including Deck Fill Plate Compatibility Standard, California Fuel Compatibility Standard, and Primer Bulb Requirements).
- 4) Conformance with the fuel injection definition or equivalent performance standard and tamper resistance requirements as required in 13 CCR, Sections 2855(a) and 2856(e), respectively.
- 5) The *XYZ Company's* production will consist of the following watercraft types: **(Personal Watercraft, Outboard, Inboard, Sterndrive, Jetboat, Other)**. The watercraft will be **(Trailerable ≤26ft, Nontrailerable >26ft)**.
- 6) Production evaporative systems shall be in all material respects the same as those for which certification is submitted.
- 7) The completed evaporative certification application demonstrating compliance will be submitted to ARB within 90 days of the date of this letter.
- 8) No watercraft will be introduced into commerce in California before the conditional Executive Order is issued.

*XYZ Company* will demonstrate compliance with all applicable California evaporative emission standards and requirements, including submission of a complete certification application, within 90 days of the date of this letter. *XYZ Company* understands that failure to adequately demonstrate compliance by the above specified date shall be cause for the Air Resources Board to revoke the conditional Executive Order, in which event any watercraft introduced into commerce under the revoked conditional Executive Order shall be deemed uncertified, and which may subject *XYZ Company* to enforcement actions. The projected start date for introduction into commerce in California is **MM/DD/YYYY**.

If you have any questions, please contact me at **xxx-xxx-xxxx**.

Sincerely,

**Manufacturer Representative's Name**

**Title**

**Mailing Address**

**Phone Number**

**Email**