DIVISION: 31 00 00—EARTHWORK
SECTION: 31 31 16—TERMITE CONTROL

REPORT HOLDER:

DOW AGRO SCIENCES LLC

EVALUATION SUBJECT:

THE SENTRICON® SYSTEM AND THE SENTRICON® WITH ALWAYS ACTIVE™ TECHNOLOGY
DIVISION: 31 00 00—EARTHWORK  
Section: 31 31 16—Termite Control

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THE SENTRICON® SYSTEM AND THE SENTRICON® SYSTEM WITH ALWAYS ACTIVE™ TECHNOLOGY

1.0 EVALUATION SCOPE

Compliance with the following codes:

Property evaluated:
- Protection Against Termites

2.0 USES

The Sentricon® System and The Sentricon® System with Always Active™ Technology are used to provide protection against subterranean termites.

3.0 DESCRIPTION

3.1 General:

The Sentricon® System is an integrated pest management system for the protection of structures from and elimination of subterranean termite colonies. The system includes Standard Sentricon® and Sentricon® with Always Active™.

3.1.1 Standard Sentricon® is a system that uses monitoring devices placed in bait stations around structures to be protected. Once installed, service of the system involves three steps: (1) monitoring the bait stations quarterly in accordance with the manufacturer’s product label instructions for the presence of termite activity in and around the target site; (2) delivery of a slow acting insect growth regulator (IGR) Recruit® IV termite bait when the presence of subterranean termites has been detected; and (3) resumption of monitoring for the presence of new termite activity after colony elimination has been achieved.

3.1.2 Sentricon® with Always Active™ is a system that uses Recruit® HD termite bait placed in bait stations around structures to be protected. The bait stations are inspected and serviced at a minimum of once a year in accordance with the manufacturer’s product label instructions.

3.2 Systems Components:

The primary components of Standard Sentricon® (see Figure 1) include:

3.2.1 A station for monitoring and/or baiting that is embedded in the soil.

3.2.2 A monitoring device for detection of termite feeding activity.

3.2.3 A Baitube™ device containing Recruit™ IV termite bait.

The primary components of Sentricon with Always Active™ (see Figure 1) include:

3.2.4 A station for baiting that is embedded in the soil.

3.2.5 Recruit HD termite bait.

3.3 Quality Control—Certified Sentricon® Specialists™:

Installation of Sentricon® and Sentricon® with Always Active™ must only be conducted by a Certified Sentricon® Specialist™ trained by Dow AgroSciences in biology and behavior of subterranean termites and the proper installation and use of Sentricon®. The Certified Sentricon® Specialist™ is required to cooperate in quality inspections, training sessions, meetings and other sessions conducted by Dow AgroSciences.

The quality assurance program must be administered and maintained by Dow AgroSciences in accordance with the current Service Excellence Program. A Certified Sentricon® Specialist™ that does not comply with the quality program may be subject to either a need for improvement letter, probation notice, and, in extreme cases, de-authorization.

4.0 INSTALLATION

4.1 General:

The Sentricon® System and the Sentricon® System with Always Active™ Technology must be installed in accordance with the manufacturer’s product label instructions and this report. The system must only be installed by a Certified Sentricon® Specialist™ that does not comply with the quality program may be subject to either a need for improvement letter, probation notice, and, in extreme cases, de-authorization.

The instructions within this report govern if there are any conflicts between the manufacturer’s product label instructions and this report.
4.2 Installation and Maintenance:

A site plan is prepared for locating Sentricon® stations during future inspections. The stations must be placed in the soil around the perimeter foundation of the structure. For crawl space areas the stations may be placed along the inside of the foundation walls. Spacing must not exceed 20 feet (6 m) where soil access is not restricted. The station housing is implanted in soil with the soil cover in place so that the top is flush with the soil surface.

The stations used with standard Sentricon® must be inspected at regular intervals (at least quarterly) for the presence of termites. When termites are present during an inspection of a property protected with standard Sentricon®, the monitoring device is removed and replaced with a Baitube™ device containing Recruit® IV termite bait according to the manufacturer’s product label instructions. After elimination of the termite colony has been achieved, monitoring for termites by the Certified Sentricon® Specialist™ must continue.

The stations used with Sentricon® with Always Active™ are inspected at least once a year. During each inspection, the quantity of Recruit® HD is evaluated to determine if more than 1/3 of the bait device has been depleted. At 1/3 depletion, the Recruit HD bait device is replaced with a new device.

5.0 CONDITIONS OF USE

The Sentricon® System and the Sentricon® System with Always Active™ technology as described in this report comply with, or are a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The system must be installed and maintained by a Certified Sentricon® Specialist™ trained and accredited by Dow AgroSciences, see Section 3.3 of this report.

5.2 A copy of the site plan for the structure and a copy of the service agreement with the Certified Sentricon® Specialist™ must be submitted to the code official along with this evaluation report demonstrating that the structure is protected from termites.

5.3 The stations used with Sentricon® and Sentricon® with Always Active™ must be located in accordance with the manufacturer’s recommendations, a minimum of 1.5 feet (0.46 m) from the face of the foundation wall, unless it is demonstrated that soil has been treated with a liquid termiteicide.

5.4 Protection of wood and wood-based products against decay must be provided in accordance with the applicable code.

5.5 Sentricon® System and the Sentricon® System with Always Active™ are manufactured in Sussex, Wisconsin, under a quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Subterranean Termite Baiting Systems (AC381), dated June 2009 (Editorially revised April 2014 and February 2016).

7.0 IDENTIFICATION

7.1 Each case of stations and bait devices used with the Sentricon® System and the Sentricon® System with Always Active™ technology covered by this report must be labeled with the product name (the Sentricon® System), the company name or trademark, address, and the evaluation report number (ESR-2307).

7.2 The report holder’s contact information is the following:

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FIGURE 1—PRIMARY SYSTEM COMPONENTS