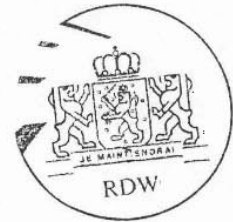




N E D E R L A N D
(THE NETHERLANDS)



EEC TYPE-APPROVAL CERTIFICATE



Communication concerning the:

- granted of type-approval
- extension of type-approval
- refusal of type-approval
- withdrawal of type-approval

of a type of ~~vehicle/component~~/separate technical unit with regard to 72/245/EEC Directive as last amended by 95/54/EC Directive.

Type-approval N° : e4*72/245*95/54*0419*00
 Reasons for extension : ---
 Approval mark : e 4
 020419

SECTION I

- 0.1. Make (trade name of manufacturer) : FEDERAL SIGNAL VAMA, S.A.
- 0.2. Type and general commercial description(s) : ELECTRONIC SIREN
 SC-298BT 30W SD55A/96 BITON.12
 SC-298CT 30W SD55A/96 WAIL/YELP
 SC-299CT 30W, AS-320 SIRENA 100W 12V
 AS-320 SIRENA 100W 24V,
 AS-425 SIRENA 100W 12V
 AS-425 SIRENA 100W 24V
 AS-422/6S SIRENA 100W 12V MODF
 AS-422 SIRENA 100W 12V
 AS-250 SIRENA 100W 12V
 AS-2010, ICS2010, GEP 500
- 0.3. Means of identification of type, if marked on the ~~vehicle/component~~/separate technical unit : See technical documentation
- 0.3.1. Location of that marking : See technical documentation
- 0.4. Category of vehicle : ---
- 0.5. Name and address of manufacturer : FEDERAL SIGNAL VAMA, S.A.
 C/ Dr. Ferran , 7 . 08339
 Vilassar de Dalt , Barcelona (SPAIN)
- 0.7. In the case of components and separate technical units, location and method of affixing of the approval mark : See technical documentation

Type-Approval Number : e4*72/245*95/54*0419*00

0.8. Address(es) of assembly plant(s) : C/ Dr. Ferran, 7 . 08339
Vilassar de Dalt, Barcelona (SPAIN)
C/ Narcís Monturiol, 21-23 . 08339
Vilassar de Dalt, Barcelona (SPAIN)

SECTION II

1. Additional information (where applicable) : See appendix

2. Technical service responsible for carrying out the tests : IDIADA
L'Albornar, P.O. Box 20
E-43710 Santa Oliva (Tarragona)
SPAIN

3. Date of test report : 19.02.2002

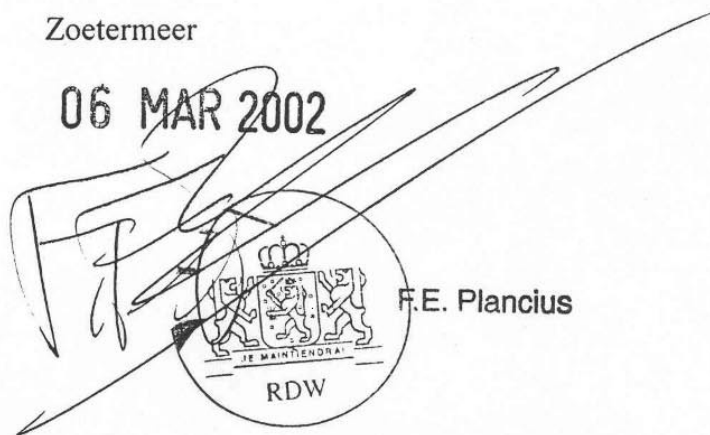
4. Number of test report : 0112131

5. Remarks (if any) : See appendix

6. Place : Zoetermeer

7. Date : 06 MAR 2002

8. Signature :

A handwritten signature in black ink is written over a circular stamp. The stamp features the coat of arms of the Netherlands, with the motto 'JE M'ENTENDRA' at the bottom and 'RDW' below that. To the right of the stamp, the name 'F.E. Plancius' is printed.

9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

- Test report: see section II item 4 (Pages 12)
- Technical documentation (Pages 186)

Type-Approval Number : e4*72/245*95/54*0419*00

**Appendix to Type-Approval Communication Form N° e4*72/245*95/54*0419*00
Concerning the Type-Approval of a Vehicle with regard to Directive 72/245/EEC as last amended
by Directive 95/54/EC**

1. Additional information (where applicable)
- 1.1. Electrical system rated voltage : 12 or 24V, negative ground
- 1.2. This ESA can be used on any vehicle type with the following restrictions : ---
- 1.2.1. Installation conditions, if any : ---
- 1.3. This ESA can be used only on the following vehicle types : The use of this ESA is strictly reserved to the priority vehicles legally authorised
- 1.3.1. Installation conditions, if any : This ESA is not waterproof.
It must be installed in a place protected from rain and pressure water jets and away from heat sources
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : Free field; 20 – 1000 MHz
- 1.5. Approved/accredited laboratory responsible for carrying out the tests : IDIADA
L'Albornar, P.O. Box 20
E-43710 Santa Oliva (Tarragona)
SPAIN
5. Remarks (if any) : ---

