



**FEDERAL SIGNAL CORPORATION**  
Electrical Products



EC Declaration of Conformity

Issued: December 1, 2009

We (manufacturer):

Federal Signal Corporation  
Signal Division  
2645 Federal Signal Drive  
University Park, IL 60466-3195 U.S.A

declare under our sole responsibility that the following

Model:

110 Series Loudspeakers and Sounders

Type of Equipment:

Flameproof Loudspeakers and Sounders

To which this declaration is in conformity with the following standard(s)

ATEX

EN50014:1997+A1+A2

Electrical apparatus for potentially explosive atmospheres – General

EN50018:2000+A1

Electrical apparatus for potentially explosive atmospheres – Flameproof ‘d’

EN50019:2000

Electrical apparatus for potentially explosive atmospheres – Increased safety ‘e’

LVD

EN60065:2002

Audio, Video, and Similar Electronic Apparatus Safety Requirements

EMC

EN61000-6-1:2001

Generic Immunity for Residential, Commercial, and Light Industrial.

EN61000-6-2:2001

Generic Immunity Standard for Industrial Environments

EN61000-6-3:2001

Generic Emissions for Residential, Commercial, and Light Industrial

EN61000-6-4:2001

Generic Emissions Standard for Industrial Environments

and therefore conforms with EC Directive requirements

of

94/9/EC relating to equipment and protective systems intended for use in explosive atmospheres (ATEX)

and,

73/23/EEC (as amended) relating to electrical safety (LVD)

and,

89/336/EEC (as amended) relating to the electromagnetic compatibility (EMC)

Certified by:

Baseefa Ltd, Buxton, Derbyshire, SK17 9BJ, UK  
Certificate Number 03ATEX0688X, 03ATEX0689X

Technical File maintained at:

Federal Signal Corporation  
Signal Division  
2645 Federal Signal Drive  
University Park, IL 60466-3195 U.S.A

I, the undersigned, hereby declare that the products(s) specified above conform to the listed directive(s) and standard(s).

Paul Weber

*Paul Weber*

Engineering Section Manager  
Industrial Systems Group

Date: 12/01/2009  
(month/date/year)