

STATEMENT OF CONFORMITY

Certificate No.: DNVGL-9919-2017-SGP
This certificate consists of 2 pages

Issue date:
29 March, 2017

This is to verify that

CAE Engineering Pte. Ltd.,

Office: 26 Boon Lay Way, #01-88 TRADEHUB 21, Singapore 609970
Factory: No. 1, Yishun Street 23, #01-45 YS-ONE, Singapore 768441

with name and/or type designation(s)

Electric Controllers for Fire Pumps

has, on a voluntary basis, the product(s), assessed in accordance with Cl. 8.2 of AS 2941: 2013 (5th Edition), is found to comply

Further details are given in the following pages

Place and date:
Seoul, 29.03.2017

DNV GL Business Assurance Korea



Lee, Jang Sup
Head of Product Assurance



Certificate No.: DNVGL-9919-2017-SGP
Place and date: Seoul, 29.03.2017
Revision No.: 00

Certificate history

Revision	Description	Date	Report Number
00	Original Statement	29.03.2017	2016-9540

Products covered by this certificate

Product name	Models
Electric Controllers for Fire Pumps	Control Panels with 30kW, 45kW, 55kW, 75kW, 90kW, 110kW, 132kW, 160kW, 250kW Soft Starters

Product Data

Type	Electric Controllers for Fire Pumps
Operating Temp.	+4 °C to +40 °C
Electrical Ratings	415 V AC, 50 Hz
IP Rating	IP 55

Descriptive Documents

Number	Title	Rev	Date
30KW S/S FPC VER-01	Technical & General Arrangement Drawings for 30kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
45KW S/S FPC VER-01	Technical & General Arrangement Drawings for 45kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
55KW S/S FPC VER-01	Technical & General Arrangement Drawings for 55kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
75KW S/S FPC VER-01	Technical & General Arrangement Drawings for 75kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
90KW S/S FPC VER-01	Technical & General Arrangement Drawings for 90kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
110KW S/S FPC VER-01	Technical & General Arrangement Drawings for 110kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
132KW S/S FPC VER-01	Technical & General Arrangement Drawings for 132kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
160KW S/S FPC VER-01	Technical & General Arrangement Drawings for 160kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017
250KW S/S FPC VER-01	Technical & General Arrangement Drawings for 250kW Electric Fire Pump Starter Panel (6 Sheets)	01	22.03.2017

Terms and conditions

The following may render this Certificate invalid:

- Changes in the design or construction of the product(s)
- The Certificate is concerned with the IP 55 related design of the Panel



STATEMENT OF CONFORMITY

Certificate No.: DNVGL-10919-2017-SGP
This certificate consists of 3 pages

Issue date:
18 September, 2017

This is to verify that

CAE Engineering Pte. Ltd.,

Office: 26 Boon Lay Way, #01-88 TRADEHUB 21, Singapore 609970
Factory: No. 1, Yishun Street 23, #01-45 YS-ONE, Singapore 768441

with name and/or type designation(s)

Electric Fire Pump Controllers (VSD Starters)

has, on a voluntary basis, the product(s), Assessed in accordance with Cl. 8.2 of AS 2941: 2013 (5th Edition), is found to comply

Further details are given in the following pages

Place and date:
Seoul, 18 September, 2017

DNV GL Business Assurance Korea



Lee, Jang Sup
Product Assurance Representative

Certificate No.: DNVGL-10919-2017-SGP
Place and date: Seoul, 18 September, 2017
Revision No.: 00

Certificate history

Revision	Description	Date	Report Number
00	Original Statement	2017-09-18	2017-564531

Products covered by this certificate

Product name	Models
Electric Fire Pumps Controllers (VSD Starters)	Control Panels with 30kW, 45kW, 55kW, 75kW, 90kW, 110kW, 132kW, 160kW, 220kW, 250kW, 355 kW VSD Starters

Product Data

Type	Electric Fire Pump Controllers
Operating Temp.	+4 °C to +40 °C
Electrical Ratings	415 V AC, 50 Hz
IP Rating	IP 55

Descriptive Documents

Number	Title	Rev.	Date
30KW VSD FPC VER-01	Technical & General Arrangement Drawings for 30kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
45KW VSD FPC VER-01	Technical & General Arrangement Drawings for 45kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
55KW VSD FPC VER-01	Technical & General Arrangement Drawings for 55kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
75KW VSD FPC VER-01	Technical & General Arrangement Drawings for 75kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
90KW VSD FPC VER-01	Technical & General Arrangement Drawings for 90kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
110KW VSD FPC VER-01	Technical & General Arrangement Drawings for 110kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
132KW VSD FPC VER-01	Technical & General Arrangement Drawings for 132kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
160KW VSD FPC VER-01	Technical & General Arrangement Drawings for 160kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
220KW VSD FPC VER-01	Technical & General Arrangement Drawings for 220 kW Electric Fire Pump Control Panel (8 Sheets)	01	26.04.2017
250KW VSD FPC VER-01	Technical & General Arrangement Drawings for 250 kW Electric Fire Pump Control Panel (9 Sheets)	01	26.04.2017
355KW VSD FPC VER-01	Technical & General Arrangement Drawings for 355 kW Electric Fire Pump Control Panel (9 Sheets)	01	26.04.2017