

MAPCS TEST REPORT & CERTIFICATE

Revision	Date	Description	Prepared by	Checked by	Approved by
1	94/10/28	MAPCS TEST REPORT & CERTIFICATE	A. Bazrafshan	M. Khavaninzadeh	M. Esmaily
2					
3					
4					
5					
6					



TABLE OF CONTENTS

MAPCS EMC TEST

MPU431 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	5
MPU431 (IEC 61000-4-4:2012) Fast transient burst Immunity test	6
MPU431 (IEC 61000-4-5:2005) High-energy surge immunity test	7
MPU431 (IEC 61000-4-6:2013) Conducted r.f immunity test	8
MPU431 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	9
DO571 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	10
DO571 (IEC 61000-4-4:2012) Fast transient burst immunity test	11
DO571 (IEC 61000-4-5:2005) High-energy surge immunity test	12
DO571 (IEC 61000-4-6:2013) Conducted r.f immunity test	13
DO571 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	14
DO580 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	15
DO580 (IEC 61000-4-4:2012) Fast transient burst immunity test	16
DO580 (IEC 61000-4-5:2005) High-energy surge immunity test	17
DO580 (IEC 61000-4-6:2013) Conducted r.f immunity test	18
DO580 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	19
DI530 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	20
DI530 (IEC 61000-4-4:2012) Fast transient burst immunity test	21
DI530 (IEC 61000-4-5:2005) High-energy surge immunity test	22
DI530 (IEC 61000-4-6:2013) Conducted r.f immunity test	23
DI530 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	24
AO672 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	25
AO672 (IEC 61000-4-4:2012) Fast transient burst immunity test	26
AO672 (IEC 61000-4-5:2005) High-energy surge immunity test	27
AO672 (IEC 61000-4-6:2013) Conducted r.f immunity test	28
AO672 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	29
AI622 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	30
AI622 (IEC 61000-4-4:2012) Fast transient burst immunity test	31
AI622 (IEC 61000-4-5:2005) High-energy surge immunity test	32
AI622 (IEC 61000-4-6:2013) Conducted r.f immunity test	33
AI622 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	34
AO673 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	35
AO673 (IEC 61000-4-4:2012) Fast transient burst immunity test	36
AO673 (IEC 61000-4-5:2005) High-energy surge immunity test	37
AO673 (IEC 61000-4-6:2013) Conducted r.f immunity test	38



AO673 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	39
AI623 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	40
AI623 (IEC 61000-4-4:2012) Fast transient burst immunity test	41
AI623 (IEC 61000-4-5:2005) High-energy surge immunity test	42
AI623 (IEC 61000-4-6:2013) Conducted r.f immunity test	43
AI623 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	44
AI621 (IEC 61000-4-2:2008) Electrostatic discharge immunity test	45
AI621 (IEC 61000-4-4:2012) Fast transient burst immunity test	46
AI621 (IEC 61000-4-5:2005) High-energy surge immunity test	47
AI621 (IEC 61000-4-8:2008) Power frequency magnetic field immunity test	48
MPU431 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	49
MPU431 (CISPR 16-2-3) Radiated emission measurement	50
DO571 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	51
DO571 (CISPR 16-2-3) Radiated emission measurement	52
DO580 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	53
DO580 (CISPR 16-2-3) Radiated emission measurement	54
DO530 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	55
DO530 (CISPR 16-2-3) Radiated emission measurement	56
AO672 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	57
AO672 (CISPR 16-2-3) Radiated emission measurement	58
AI622 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	59
AI622 (CISPR 16-2-3) Radiated emission measurement	60
AO673 (CISPR 16-2-3) Radiated emission measurement	61
AI623 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	62
AI623 (CISPR 16-2-3) Radiated emission measurement	63
AI621 (IEC/EN 61000-4-3) Radiated electromagnetic field immunity test	64
AI621 (CISPR 16-2-3) Radiated emission measurement	65

MAPCS Environmental TEST

MPU431 (IEC 60068-2-14, test Na) Change of temperature withstand test	66
MPU431 (IEC 60068-2-14, test Nb) Change of temperature immunity test	67
DO571 (IEC 60068-2-14, test Na) Change of temperature withstand test	68
DO571 (IEC 60068-2-14, test Nb) Change of temperature immunity test	69
DO580 (IEC 60068-2-14, test Na) Change of temperature withstand test	70
DO580 (IEC 60068-2-14, test Nb) Change of temperature immunity test	71
DI530 (IEC 60068-2-14, test Na) Change of temperature withstand test	72
DI530 (IEC 60068-2-14, test Nb) Change of temperature immunity test	73
AO672 (IEC 60068-2-14, test Na) Change of temperature withstand test	74



AO672 (IEC 60068-2-14, test Nb) Change of temperature immunity test	75
AI622 (IEC 60068-2-14, test Na) Change of temperature withstand test	76
AI622 (IEC 60068-2-14, test Nb) Change of temperature immunity test	77
AO673 (IEC 60068-2-14, test Na) Change of temperature withstand test	78
AI623 (IEC 60068-2-14, test Na) Change of temperature withstand test	79
AI623 (IEC 60068-2-14, test Nb) Change of temperature immunity test	80
AI621 (IEC 60068-2-14, test Na) Change of temperature withstand test	81
AI621 (IEC 60068-2-14, test Nb) Change of temperature immunity test	82



Test report: L13-10005-T2/1

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

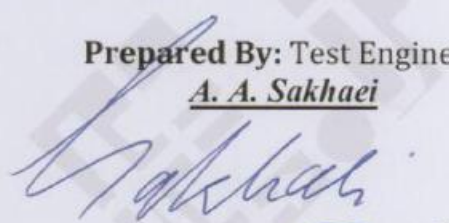
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

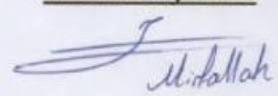
Prepared By: Test Engineer

A. A. Sakhaei



Verified By: Technical Manager

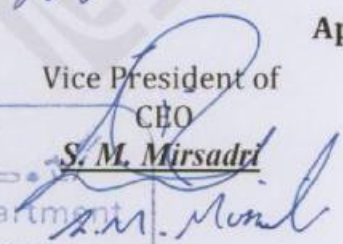
S. M. Mirfallah



Approved By:

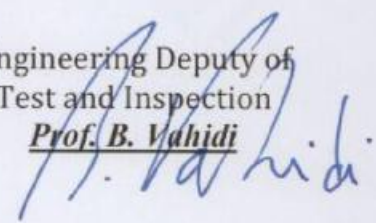
Vice President of
CEO

S. M. Mirsadri



Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10005-T2/2

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Valhidi

EPIL
Technical Department
ISO IEC 17025
Accredited

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10005-T2/3

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

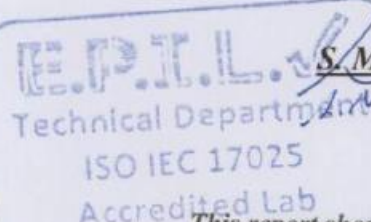
Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Valrudi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10005-T2/4

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Validi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10005-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10006-T2/1

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: *L13-10006*

Equipment Under Test: *DCS/FCS*

Model/Type : *MAPCS1-D0571(Digital Output)*
S/N : *01BX00701407*
Rating : *12 VDC ±10%*

Manufactured By: *MECO-MAPCS*

Applicant: *MECO-MAPCS*

Tested According To: *IEC 61131-2:2007 (Zone B)*
IEC 61000-4-4:2012

Issue Date: *15-Dec-15*

No. of pages: *9*

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10006-T2/4

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10006-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-D0571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10007-T2/1

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department

ISO IEC 17025

Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10007-T2/2

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-D0580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10007-T2/3

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-D0580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

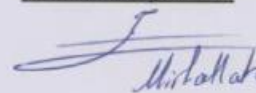
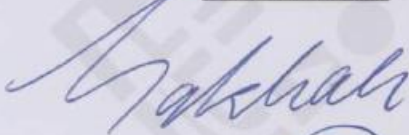
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Vice President of
CEO -

Engineering Deputy of
Test and Inspection

S. M. Mirsadri

Prof. B. Valhidi

EPIL
Technical Department
ISO IEC 17025
Accredited

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10007-T2/4

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPC1-D0580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10007-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Vice President of

CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10008-T2/1

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Valhidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

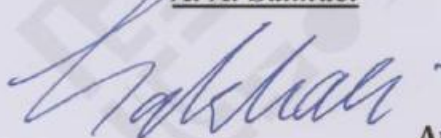
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

Issue Date: 15-Dec-15

No. of pages: 9

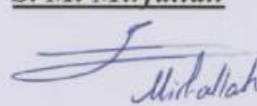
Prepared By: Test Engineer

A. A. Sakhaei



Verified By: Technical Manager

S. M. Mirfallah



Approved By:

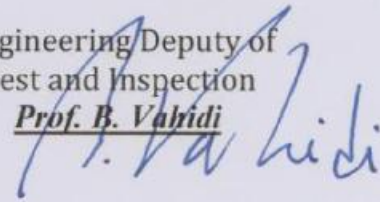
Vice President of
CEO

S. M. Mirsadri

In behalf of


Engineering/Deputy of
Test and Inspection

Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

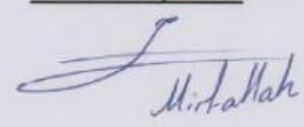
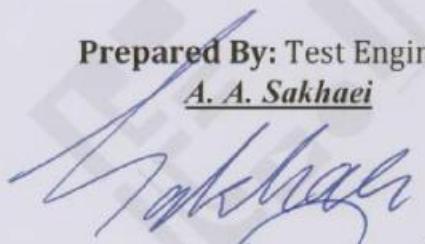
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

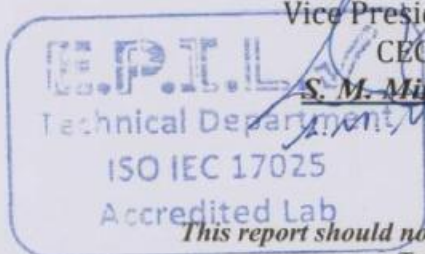
Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Valhidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

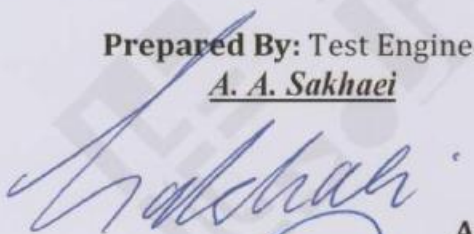
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

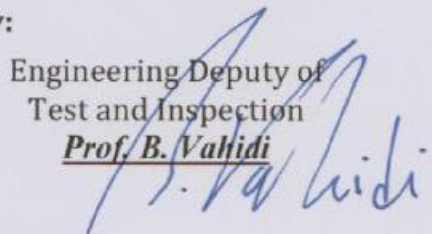
Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

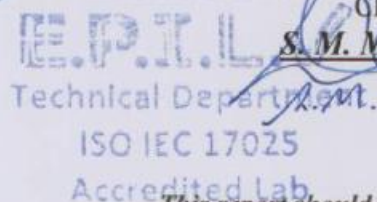


Vice President of
CEO
S. M. Mirsadri

Approved By:



Engineering Deputy of
Test and Inspection
Prof. B. Valhidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10008-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

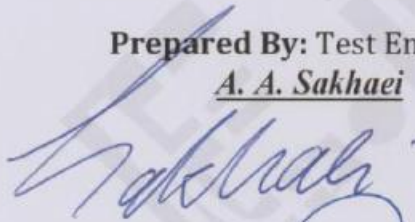
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah



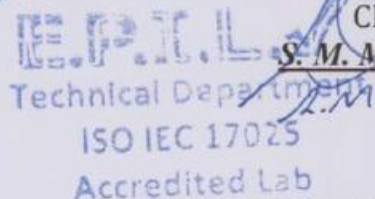
Approved By:

Vice President of
CEO

Engineering Deputy of
Test and Inspection

S. M. Mirsadri

Prof. B. Vahidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: *L13-10009*

Equipment Under Test: *DCS/FCS*

Model/Type : *MAPCS1-A0672(Analog Output)*
S/N : *01AX00021530*
Rating : *12 VDC ±10%*

Manufactured By: *MECO-MAPCS*

Applicant: *MECO-MAPCS*

Tested According To: *IEC 61131-2:2007 (Zone B)*
IEC 61000-4-4:2012

Issue Date: *15-Dec-15*

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

A. A. Sakhaei
Vice President of
CEO
S. M. Mirsadri
Technical Department

Approved By:

S. M. Mirfallah
Engineering Deputy of
Test and Inspection
Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10009-T2/3

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

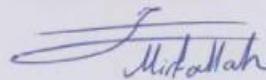
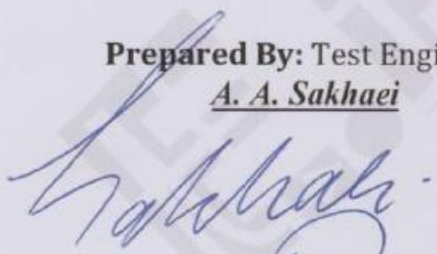
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi



EPIL
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10009-T2/4

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Vice President of
CEO-

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Valadi

E.P.I.L.

Technical Department

ISO IEC 17025

Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10009-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadr

Engineering Deputy of
Test and Inspection
Prof. B. Valardi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10010-T2/1

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadr

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

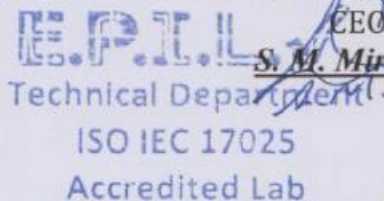
Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10010-T2/3

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9


Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi


EPIL
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

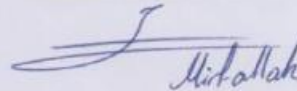
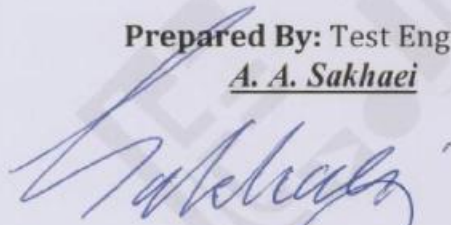
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

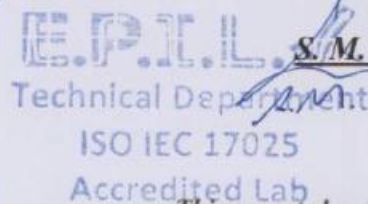
Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi



EPIL
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Output)
S/N : 01BX00061417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Valiadi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AO673(Analog Output)
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of

CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10011-T2/2

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0673(Analog Output)
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10011-T2/3

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0673(Analog Output)
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadr

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10011-T2/4

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0673(Analog Output)
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

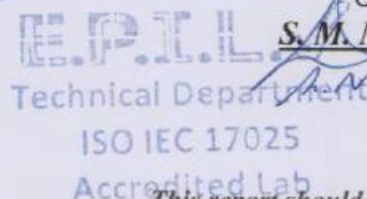
Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi


EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10011-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0673(Analog Output)
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

EPIL

Technical Department

ISO IEC 17025

Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10012-T2/2

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

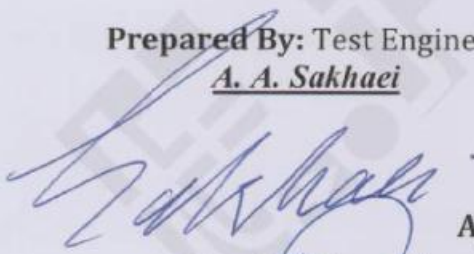
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

Issue Date: 15-Dec-15


No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah


Vice President of
CEO
S. M. Mirsadri

Approved By:


Engineering Deputy of
Test and Inspection
Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10012-T2/3

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

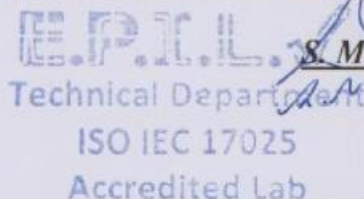
Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi


EPIL
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-6:2013

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Vice President of

CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10012-T2/5

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10013-T2/1

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01AX00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-2:2008

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Validi


Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10013-T2/2

Page 1 of 9

LQF-510-02

EMC TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01AX00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

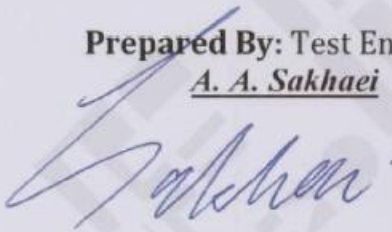
Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-4:2012

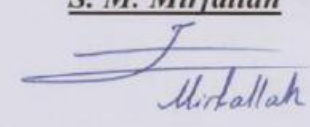
Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei



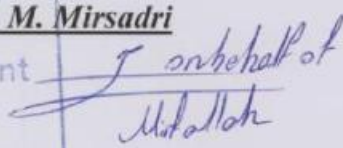
Verified By: Technical Manager
S. M. Mirfallah



Approved By:

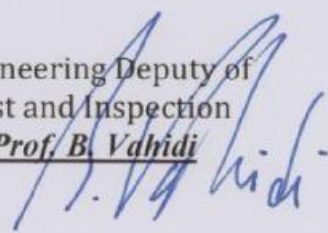
Vice President of
CEO

S. M. Mirsadri



Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01AX00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

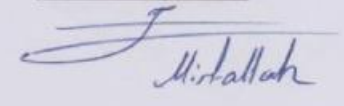
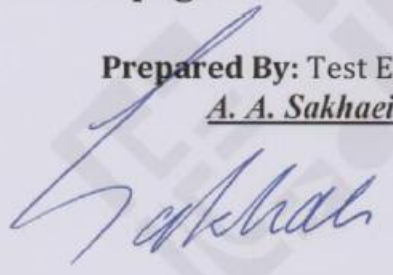
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-5:2005

Issue Date: 15-Dec-15

No. of pages: 9

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah



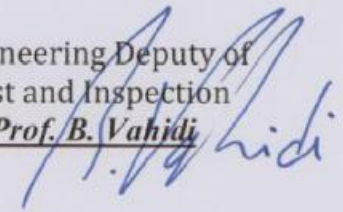
Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi


Technical Department
ISO IEC 17025
Accredited Lab

on behalf of
Mirfallah



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01AX00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

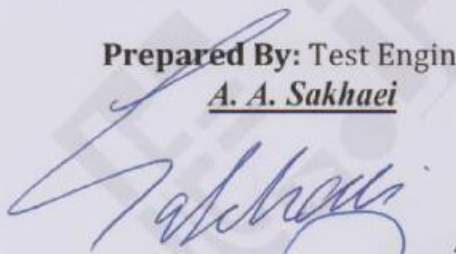
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-8:2008

Issue Date: 15-Dec-15


No. of pages: 9

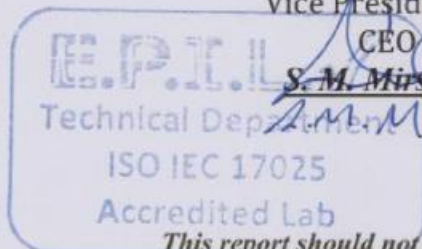
Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah


Vice President of
CEO
S. M. Mirsadri

Approved By:


Engineering Deputy of
Test and Inspection
Prof. B. Vahidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

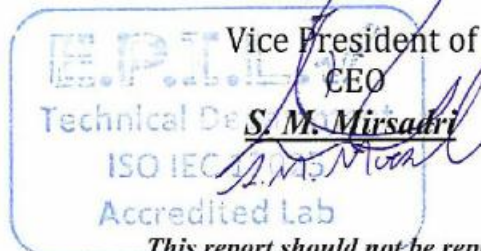
Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10005-T2/7

Page 1 of 10

LQF-510-02

EMC TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

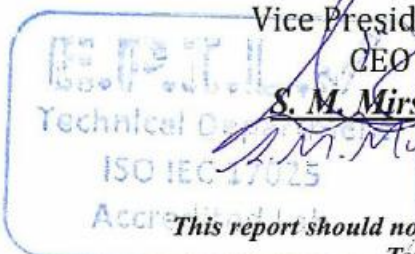
Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 13-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

On Behalf of Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Vice President of
CEO
Technical Department
S. M. Mirsadri
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPC1-DO580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei



Vice President of
CEO
S. M. Mirsadri

Verified By: Technical Manager

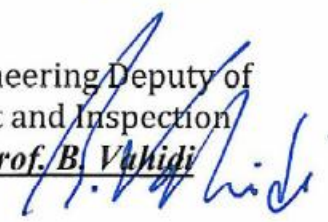
S. M. Mirfallah




Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Valadi




Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPC1-DO580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

Vice President of
CEO
Technical Deputy
S. M. Mirsadri
ISO IEC
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

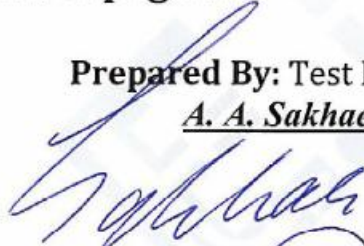
Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

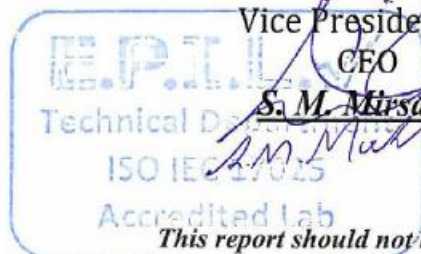
Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi

Vice President of
CEO
S. M. Mirsadri



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

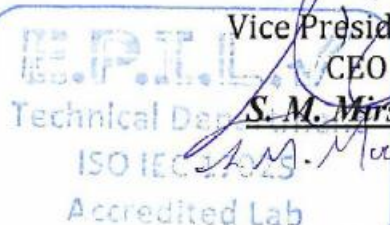
Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahjidi

Vice President of
CEO

S. M. Mirsadri



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AO672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

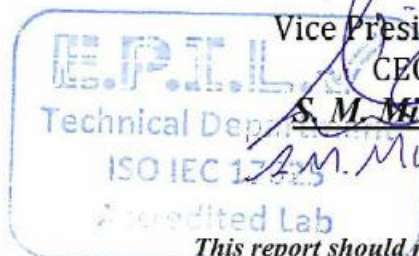
Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AO672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Vice President of
CEO
S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection
Prof. B. Valadi

EPIL
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

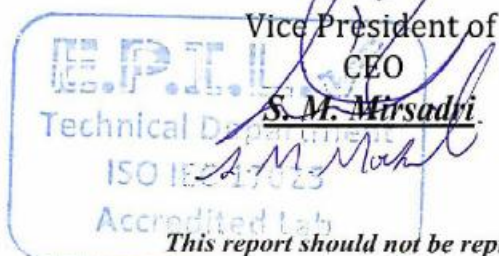
Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0673(Analog Output)
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10012-T2/6

Page 1 of 10

LQF-510-02

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A1623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

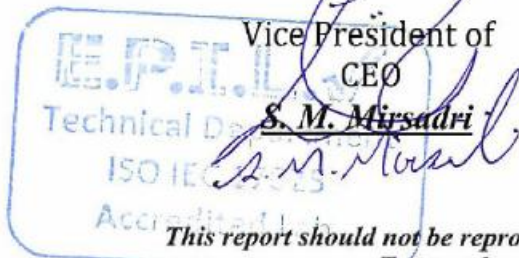
Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

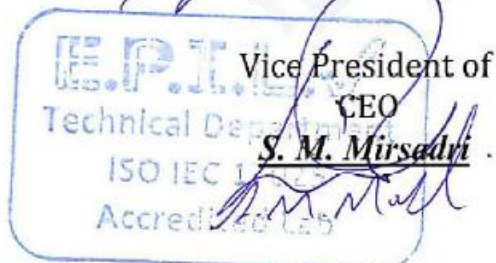
Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

EMC TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01X00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
IEC 61000-4-3:2010

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer
A. A. Sakhaei

Verified By: Technical Manager
S. M. Mirfallah

Approved By:

**Vice President of
CEO**
S. M. Mirsadri
Technical Department
ISO IEC 17025
Accredited Lab

**Engineering Deputy of
Test and Inspection**
Prof. B. Vahidi

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

EMC TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01X00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 (Zone B)
CISPR 16-2-3:2006

Issue Date: 12-Jan-16

No. of pages: 10

Prepared By: Test Engineer

A. A. Sakhaei

Verified By: Technical Manager

S. M. Mirfallah

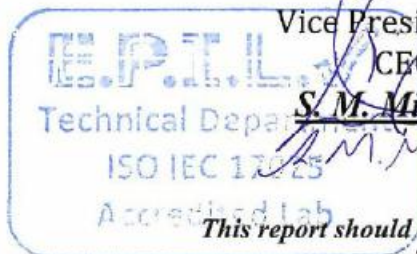
Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

Vice President of
CEO

S. M. Mirsadri



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10005-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing U..
S/N : 01BX01621407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer

R. Hanife

Verified By: Technical Manager

S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Environmental TEST REPORT

Project No.: L13-10005

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-MPU431(Main Processing Unit)
S/N : 01BX01621407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

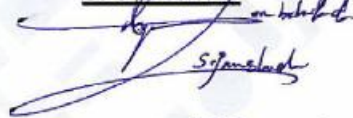
Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 , IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer
S. Jamshidi



Verified By: Technical Manager
S. M. Mirfallah



Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10006-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: *L13-10006*

Equipment Under Test: *DCS/FCS*

Model/Type : *MAPCS1-DO571(Digital Output)*
S/N : *01BX00701407*
Rating : *12 VDC ±10%*

Manufactured By: *MECO-MAPCS*

Applicant: *MECO-MAPCS*

Tested According To: *IEC 61131-2:2007 , IEC 60068-2-14 (Na)*

Issue Date: *5-Jan-16*

No. of pages: *8*

Prepared By: Test Engineer

R. Hanife

Verified By: Technical Manager

S. M. Mirfallah

Approved By:

Vice President of

CEO

S. M. Mirsadri

Engineering Deputy of

Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.

Test report: L13-10006-T4/2

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10006

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DO571(Digital Output)
S/N : 01BX00701407
Rating : 12 VDC ±10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

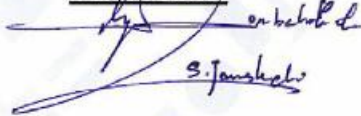
Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

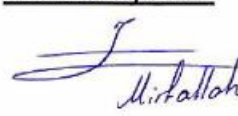
Prepared By: Test Engineer

S. Jamshidi


S. Jamshidi

Verified By: Technical Manager

S. M. Mirfallah

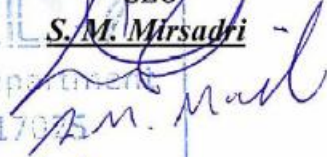

Mirfallah

Approved By:

Vice President of

CEO

S. M. Mirsadri


S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi


Prof. B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10007-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-D0580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 , IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer
R. Hanife

on behalf of
S. Janshidi

Verified By: Technical Manager
S. M. Mirfallah

Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L. ✓
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10007-T4/2

Page 1 of 7

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10007

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-D0580(Digital Output)
S/N : AA1011AM0002
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer

S. Jamshidi

S. Jamshidi
on behalf of

Verified By: Technical Manager

S. M. Mirfallah

S. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadr

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10008-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: *L13-10008*

Equipment Under Test: *DCS/FCS*

Model/Type : *MAPCS1-DI530(Digital Input)*
S/N : *01BX00161407*
Rating : *12 VDC ±10%*

Manufactured By: *MECO-MAPCS*

Applicant: *MECO-MAPCS*

Tested According To: *IEC 61131-2:2007 , IEC 60068-2-14 (Na)*

Issue Date: *5-Jan-16*

No. of pages: *8*

Prepared By: Test Engineer

R. Hanife

Verified By: Technical Manager

S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadri

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10008-T4/2

Page 1 of 7

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10008

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-DI530(Digital Input)
S/N : 01BX00161407
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer
S. Jamshidi

S. Jamshidi

Verified By: Technical Manager
S. M. Mirfallah

S. Mirfallah

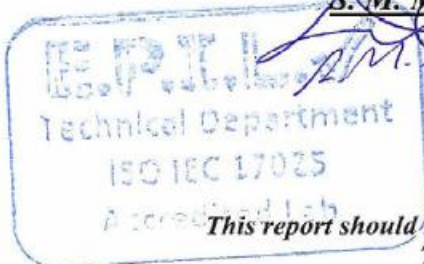
Approved By:

Vice President of
CEO
S. M. Mirsadr

S. M. Mirsadr

Engineering Deputy of
Test and Inspection
Prof. E. Vahidi

E. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Environmental TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AO672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer

R. Hanife

*on behalf of
S. Jamsheer*

Verified By: Technical Manager

S. M. Mirfallah

Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

S. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10009-T4/2

Page 1 of 7

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10009

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0672(Analog Output)
S/N : 01AX00021530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 , IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer
S. Jamshidi

S. Jamshidi
on behalf of
S. Jamshidi

Verified By: Technical Manager
S. M. Mirfallah

S. Mirfallah

Approved By:

Vice President of
CEO
S. M. Mirsadri

S. M. Mirsadri

Engineering Deputy of
Test and Inspection
Prof. B. Vahidi

B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10010-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 , IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer
R. Hanife

R. Hanife
on behalf of
S. J. Mansour

Verified By: Technical Manager
S. M. Mirfallah

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Validi

Prof. B. Validi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10010-T4/2

Page 1 of 7

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10010

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI622(Analog Input)
S/N : 01BX00061417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer
S. Jamshidi

S. Jamshidi

Verified By: Technical Manager
S. M. Mirfallah

S. Mirfallah

Vice President of
CEO

S. M. Mirsadfi

S. M. Mirsadfi

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

B. Vahidi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10011-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10011

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-A0673(Analog Outpu
S/N : 01AX00041529
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 , IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer

R. Hanife

R. Hanife
S. Janshahi

Verified By: Technical Manager

S. M. Mirfallah

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadri

S. M. Mirsadri

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10012-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007 , IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer

R. Hanife

[Signature]
S. Javaheri

Vice President of
CEO

S. M. Mirsadri

Verified By: Technical Manager

S. M. Mirfallah

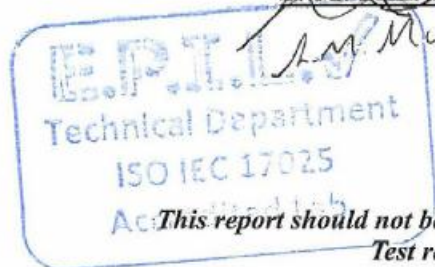
[Signature]
Mirfallah

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Valadi

[Signature]
B. Valadi



*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10012-T4/2

Page 1 of 7

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10012

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI623(Analog Input)
S/N : 01BX00041417
Rating : 12 VDC $\pm 10\%$

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer

S. Jamshidi

Verified By: Technical Manager

S. M. Mirfallah

Vice President of
CEO

S. M. Mirsady

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10013-T4/1

Page 1 of 8

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01AX00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Na)

Issue Date: 5-Jan-16

No. of pages: 8

Prepared By: Test Engineer

R. Hanife on behalf of

Verified By: Technical Manager

S. M. Mirfallah

Vice President of
CEO

S. M. Mirsadi

Approved By:

Engineering Deputy of
Test and Inspection

Prof. B. Validi

E.P.I.L.
Technical Department
ISO IEC 17025

*This report should not be reproduced in extracts without written approval by EPIL.
Test results pertain to the tested sample only.
Not Valid Without Lab Stamp.*

Test report: L13-10013-T4/2

Page 1 of 7

LQF-510-02

Environmental TEST REPORT

Project No.: L13-10013

Equipment Under Test: DCS/FCS

Model/Type : MAPCS1-AI621(Analog Input)
S/N : 01AX00031530
Rating : 12 VDC \pm 10%

Manufactured By: MECO-MAPCS

Applicant: MECO-MAPCS

Tested According To: IEC 61131-2:2007, IEC 60068-2-14 (Nb)

Issue Date: 5-Jan-16

No. of pages: 7

Prepared By: Test Engineer

S. Jamshidi

S. Jamshidi

Verified By: Technical Manager

S. M. Mirfallah

S. M. Mirfallah

Approved By:

Vice President of
CEO

S. M. Mirsadr

S. M. Mirsadr

Engineering Deputy of
Test and Inspection

Prof. B. Vahidi

Prof. B. Vahidi

E.P.I.L.
Technical Department
ISO IEC 17025
Accredited Lab

This report should not be reproduced in extracts without written approval by EPIL.

Test results pertain to the tested sample only.

Not Valid Without Lab Stamp.