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TEST REPORT

ULR-TC538921100010878F

SHEET 1 OF 8

NAME	Be.	ADDRESS	OF	CUSTOMER	

SIA ENGINEERING PROJECTS INDIA PVT. LTD.

PLOT NO.-1207, CHOSAR GAM, JETALPUR- CHOSAR ROAD, AHMEDABAD, GUJARAT. 382435.

DATE OF ISSUE: 26.04.2021			
CUSTOMER REF.NO	DATED		
Letter	03.11.2020		
DATE OF SAMPLE	DATE OF		

RECEIPT **TESTING** 16.04.2021 to 03.11.2020 21.04.2021

SAMPLE DESCRIPTION

*PMCC PANEL

Rated voltage (U_n) : 415 V : 4000 A Rated current (I_{nA}) Rated frequency (f_n) : 50 Hz No. of Phases : TPN+E Extendable/Non-Extendable :Extendable

Rating of short-time withstand current and peak withstand current of vertical busbar and rated conditional short-circuit current of protective conductor with incoming ACB and other details as per sheet 3 OF 8.

Quantity (Tested) : 01 No.

SAMPLE IDENTIFICATION

REPORT No.: RP-2122-002258

ERDA SAMPLE CODE No.:

ERDA-00388484

TYPE DESIGNATION: PMCC- 4000A

SERIAL No.: SEPIPL/IEC61439/R0/28082019

Drawing No.:

SEPIPL/IEC61439/R0/28082019 PAGE: - 1 OF 7 REV: R4, SEPIPL/IEC61439/R0/28082019 PAGE: - 2 OF 7 REV: R4, SEPIPL/IEC61439/R0/28082019 PAGE: - 3 OF 7 REV: R4, SEPIPL/IEC61439/R0/28082019 PAGE: - 4 OF 7 REV: R4, SEPIPL/IEC61439/R0/28082019 PAGE: - 5 OF 7 REV: R4, SEPIPL/IEC61439/R0/28082019 PAGE: - 6 OF 7 REV: R4, SEPIPL/IEC61439/R0/28082019 PAGE: - 7 OF 7 REV: R4.

TEST DETAILS

- Short circuit withstand Strength test of vertical busbar (Cl. No. 10.11.5.3.3, 10.11.5.3.5)
- Short circuit withstand strength of the protective circuit with incoming ACB (Cl. No. 10.5.3.5 & 10.11.5.6)

ENCLOSURES:

NUMBER OF OSCILLOGRAM : Six NUMBER OF PHOTOGRAPH One NUMBER OF TEST CIRCUIT DIAGRAM Three NUMBER OF DRAWINGS : Seven

TEST SPECIFICATIONS

As per customer's requirement, test procedure followed as per IEC 61439-1:2011 & IEC 61439-2:2011

- *NOTE: 1) Sample consist of main horizontal busbar, Neutral busbar, Earth busbar, Vertical busbar, 1 No. Incoming 4000A ACB, 1 No. outgoing 1250A ACB and 2 Nos. outgoing MCCBs (630A, 400A) and 8 nos, of vacant compartments.
 - 2) Short-time withstand current and peak withstand current test was carried out on vertical busbar only as on request of customer.
 - 3) Single phase conditional short-circuit current test carried out on protective circuit with incoming ACB on request of customer.

REMARKS: The sample (Vertical busbars and protective circuit) conforms to the requirements of short circuit withstand strength as specified by customer.

PREPARED BY

CHECKED BY

(YASHINKHAN I. PATHAN) APPROVED BY

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TEST REPORT

ULR-TC5	3892000	0013750F
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ULR-TC538920000013750F			SHEET 1 OF 9		
NAME & ADDRESS OF THE CUSTOMER		TEST REPORT NO.: RP-2021-005511 DATE: 11/07/2020			
SIA ENGINEERING PROJECTS INDIA		CUSTOMER REF. NO	DATED		
	PRIVATE LIMITED		Letter	20/06/2020	
	SURVEY NO.: 1207, CHOS	AR-JETALPUR			
	ROAD, VILLAGE: CHOSAR,	TAL.: DASCROI,	DATE OF SAMPLE RECEIPT	DATE OF TESTING	
	DIST.: AHMEDABAD - 382	435 (GUJARAT)	20/06/2020	09/07/2020 to 11/07/2020	
	SAMPLE DESCRIPTION		SAMPLE IDENTIFICATION		
	PMCC PANEL		ERDA Sample Code No.:	ERDA-00369286	
	Rated voltage	: 415 V	Type designation: PMCC-	-4000A	
	Rated current (Incoming)	: 4000 A			
	Rated frequency	: 50 Hz	Serial No.: SEPIPL/IEC614	139/R0/28082019	
	No. of Phases	: Three Phase,			
		Neutral & Earth	Manufacturer's name:		
	Quantity (tested)	: 1 No.	SIA ENGINEERING PROJEC	TO INDIA DRIVATE	
	Further details as per SHEI	ET 2 TO 5 OF 9.	LIMITED	13 INDIA PRIVATE	
	TEST DETAILS		TEST SPECIFICATIONS		

1.0 Lifting (Cl. No. 10.2.5)

IEC 61439-1: 2011 & IEC 61439-2: 2011

ENCLOSURE: i) Photograph No.: 2021-000994/A & B (Total 2 Nos.)

ii) Oscillogram No.: Nil

iii) Drawing No. : 1) SEPIPL/IEC 614339/R1/28082019 (PAGE: 1 OF 3) (REV: R1),

> 2) SEPIPL/IEC 614339/R1/28082019 (PAGE: 2 OF 3) (REV: R1), 3) SEPIPL/IEC 614339/R1/28082019 (PAGE: 3 OF 3) (REV: R1),

> 4) SEPIPL/IEC 614339/R1/28082019 (PAGE: 1 OF 1) (REV: R1)

(Total 4 Sheets)

TEST WITNESSED BY: Mr. Kiran Kumar (Engineer) of

M/s. Sia Engineering Projects India Private Limited.

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

CHECKED BY

APPROVED BY

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DATE: 11/07/2020

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TEST REPORT

ULR-TC53892000001

NAME & ADDRESS OF THE CUSTOMER

ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,

DIST.: AHMEDABAD - 382 435 (GUJARAT)

SHEET 1 OF 21 TEST REPORT NO.: RP-2021-005512

SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED	
PRIVATE LIMITED	Letter	20/06/2020	
SURVEY NO.: 1207, CHOSAR-JETALPUR	DATE OF SAMPLE	DATE OF TESTING	

RECEIPT 22/06/2020 to 20/06/2020 11/07/2020

SAMPLE DESCRIPTION

PMCC PANEL

No. of Phases

Rated voltage : 415 V Rated current (Incoming) : 4000 A Rated frequency : 50 Hz

Neutral & Earth

Quantity (tested) : 1 No.

Further details as per SHEET 2 TO 5 OF 21.

SAMPLE IDENTIFICATION

ERDA Sample Code No.: ERDA-00369286

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE

LIMITED

TEST DETAILS

1.0 Verification of temperature rise (Cl. No. 10.10)

TEST SPECIFICATIONS

IEC 61439-1: 2011 & IEC 61439-2: 2011

ENCLOSURE: i) Photograph No. : 2021-000994/A & B (Total 2 Nos.)

: Three Phase,

ii) Oscillogram No. Nil

iii) Drawing No.

: 1) SEPIPL/IEC614339/R1/28082019 (PAGE: 1 OF 3) (REV: R1),

2) SEPIPL/IEC614339/R1/28082019 (PAGE: 2 OF 3) (REV: R1),

3) SEPIPL/IEC614339/R1/28082019 (PAGE: 3 OF 3) (REV: R1),

4) SEPIPL/IEC614339/R1/28082019 (PAGE: 1 OF 1) (REV: R1)

(Total 4 Sheets)

TEST WITNESSED BY: Mr. Kiran Kumar (Engineer) of M/s. Sia Engineering Projects India Private Limited.

NOTE: Temperature-rise limit for aluminium busbar joints and incoming ACB terminals were specified by the customer.

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

PREPARED BY

(G.SOM) APPROVED BY

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TEST REPORT

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SHEET 1 OF 8

NAME & ADDRESS OF THE CUSTOMER	TEST REPORT NO.: RP-2021-017585 DATE OF ISSUE: 28/10/2020		
SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED	CUSTOMER REF. NO	DATED	
SUBVEY NO. 4225 SUBSET STEELS	Letter	20/06/2020	
SURVEY NO.: 1207, CHOSAR-JETALPUR ROAD, VILLAGE: CHOSAR, TAL.: DASCROI, DIST.: AHMEDABAD - 382 435 (GUJARAT).	DATE OF SAMPLE RECEIPT	DATE OF TESTING	
MANUFACTURED BY: SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED	20/06/2020	15/10/2020 to 28/10/2020	

SAMPLE DESCRIPTION

PMCC PANEL

Rated voltage : 415 V Rated current (Incoming) : 4000 A

Rated frequency No. of Phases

: 50 Hz : Three Phase,

: 1 No.

Quantity (tested)

TEST DETAILS

Neutral & Earth

Further details as per SHEET 2 TO 5 OF 8.

TEST SPECIFICATIONS

SAMPLE IDENTIFICATION

Type designation: PMCC-4000A

1.0 Verification of thermal stability

of enclosure (Cl. No. 10.2.3.1)

IEC 61439-1:2011 & IEC 61439-2:2011

ERDA Sample Code No.: ERDA-00369286

Serial No.: SEPIPL/IEC61439/R0/28082019

ENCLOSURE: i) Photograph No.: 2021-004865/A to C (Total 3 Nos.)

ii) Oscillogram No.: Nil

iii) Drawing No. : As per SHEET 2 OF 8.

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

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TEST REPORT

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ULR-1C538921000003551F	200	EL OT OL 02
NAME AND ADDRESS OF CUSTOMER	TEST REPORT NO.: RP- DATE OF ISSUE: 09/02/	
SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED	CUSTOMER REF. NO.	DATED
Plot No. 1207, Chosar Gam,	Letter	27/01/2021
Jetalpur-Chosar Road, Ahmedabad, Gujarat-382435.	DATE OF SAMPLE RECEIPT	DATE OF TESTING
Manufactured by: M/s. SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED	28/01/2021	28/01/2021 to 08/02/2021
SAMPLE DESCRIPTION	SAMPLE IDENTIFICAT	ION
PDB ENCLOSURE	ERDA Sample Code No ERDA-00401463	
Rating: Rated Voltage: 415V		

Rated normal current: 630 Amp. Rated frequency: 50Hz

Rated insulation voltage: 660V

Containing: Busbars - 4 Nos.

1P MCB - 8 Nos.

Sr. No.: SEPIPL/IEC60529

Type Designation: PDB ENCLOSURE

TEST DETAILS

TEST SPECIFICATION

1.0 IP 65 tests

IEC 60529:2013

Enclosures: i) Photograph No.: 2021-010795/00401463/A to C (Total 3 nos.)

ii) Drg. No. : As per SHEET 02 OF 05.

Test witnessed by: Mr. Jatin B. Solanki (Technician) from

M/s. SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED

Note: Petroleum Jelly used on gasket.

Remarks: Sample conforms to the requirement of IP 65 tests as per the standard.

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TEST REPORT

ULR-TC538920000004769F	
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SHEET 1 OF 7

NAME & ADDRESS OF THE CUSTOMER	DATE: 13/02/2020		
SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED	
PRIVATE LIMITED	Letter	04/02/2020	
SURVEY NO.: 1207, CHOSAR-JETALPUR ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	DATE OF SAMPLE	DATE OF TESTING	
ROAD, VILLAGE. CHOSAR, TAL.: DASCROI,	RECEIPT		
DIST.: AHMEDABAD - 382 435 (GUJARAT)	04/02/2020	05/02/2020	

SAMPLE DESCRIPTION

PMCC PANEL

Rated voltage : 415 V Rated current (Incoming) : 4000 A Rated frequency : 50 Hz

No. of Phases

: Three Phase, Neutral & Earth

Quantity (tested) : 1 No.

Further details as per Sheet 2 to 5 of 7

SAMPLE IDENTIFICATION

ERDA Sample Code No.: ERDA-00357101

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE

LIMITED

TEST DETAILS

1.0 Marking

TEST SPECIFICATIONS

As per customer's requirement & Test procedure followed as per

IEC 61439-1:2011 & IEC 61439-2:2011

ENCLOSURE: i) Photograph No. 1920-015631/A & B (Total 2 Nos.)

ii) Oscillogram No. : Nil

iii) Drawing No.

: SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0 SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

TEST WITNESSED BY: Mr. Vipul Patel (Production Head) of M/s. Sia Engineering Projects India Private Limited.

NOTE: Only the test asked for by the customer has been carried out.

TEST RESULT: As per attached sheet.

PREPARED BY

CHECKED BY

(G. SOM) **APPROVED BY**

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SHEET 1 OF 8

NAME & ADDRESS OF THE CUSTOMER	TEST REPORT NO. : RP-1920-042030 DATE : 13/02/2020	
SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED
PRIVATE LIMITED	Letter	04/02/2020
SURVEY NO.: 1207, CHOSAR-JETALPUR	DATE OF SAMPLE	DATE OF TESTING
ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	RECEIPT	DATE OF TESTING
DIST.: AHMEDABAD - 382 435 (GUJARAT)	04/02/2020	06/02/2020

SAMPLE DESCRIPTION

PMCC PANEL

Rated voltage : 415 V Rated current (Incoming) : 4000 A Rated frequency : 50 Hz

No. of Phases

: Three Phase, Neutral & Earth

Quantity (tested)

: 1 No.

Further details as per Sheet 2 to 5 OF 8

SAMPLE IDENTIFICATION

ERDA Sample Code No.: ERDA-00357101

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE

LIMITED

TEST DETAILS

1.0 Verification of clearances and creepage

distances (Cl. No. 10.4)

TEST SPECIFICATIONS

IEC 61439-1:2011 & IEC 61439-2:2011

ENCLOSURE: i) Photograph No.: 1920-015631/C & D (Total 2 Nos.)

ii) Oscillogram No.: Nil

iii) Drawing No.

: SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0 SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

TEST WITNESSED BY: Mr. Vipul Patel (Production Head) of M/s. Sia Engineering Projects India Private Limited.

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

PREPARED BY

CHECKED BY

(G. SOM) APPROVED BY

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TEST REPORT

ULR-TC538920000004771F

NAME & ADDRESS OF THE CUSTOMER

DIST.: AHMEDABAD - 382 435 (GUJARAT)

SHEET 1 OF 7
TEST REPORT NO.: RP-1920-042031

06/02/2020

	DATE: 13/02/2020	
SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED
PRIVATE LIMITED	Letter	04/02/2020
SURVEY NO.: 1207, CHOSAR-JETALPUR	DATE OF SAMPLE	DATE OF TECTIVO
ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	RECEIPT	DATE OF TESTING

SAMPLE DESCRIPTION

PMCC PANEL

Rated voltage : 415 V Rated current (Incoming) : 4000 A Rated frequency : 50 Hz

No. of Phases : Three Phase,

Neutral & Earth

Quantity (tested) : 1 No.

Further details as per Sheet 2 to 5 of 7

Manufacturer's name:

04/02/2020

SAMPLE IDENTIFICATION

Type designation: PMCC-4000A

SIA ENGINEERING PROJECTS INDIA PRIVATE

ERDA Sample Code No.: ERDA-00357101

Serial No.: SEPIPL/IEC61439/R0/28082019

LIMITED

TEST DETAILS

1.0 Effective earth continuity between the exposed conductive parts of the assembly

and the protective circuit

TEST SPECIFICATIONS

As per customer's requirement & Test procedure followed as per

IEC 61439-1:2011 & IEC 61439-2:2011

ENCLOSURE: i) Photograph No.: 1920-015631/E & F (Total 2 Nos.)

ii) Oscillogram No.: Nil

iii) Drawing No. : SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0

SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0 SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

TEST WITNESSED BY: Mr. Vipul Patel (Production Head) of M/s. Sia Engineering Projects India Private Limited.

NOTE: Only the test asked for by the customer has been carried out.

REMARKS: Sample **conforms** to the requirement of the customer for the test carried out.

PREPARED BY

CHECKED BY

(G. SOM) APPROVED BY

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TEST REPORT

SHEET 1 OF 7

NAME & ADDRESS OF THE CUSTOMER	TEST REPORT NO. : RP-1920-042032 DATE : 13/02/2020	
SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED
PRIVATE LIMITED	Letter	04/02/2020
SURVEY NO.: 1207, CHOSAR-JETALPUR ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	DATE OF SAMPLE RECEIPT	DATE OF TESTING
DIST.: AHMEDABAD - 382 435 (GUJARAT)	04/02/2020	07/02/2020 to 08/02/2020
SAMPLE DESCRIPTION	SAMPLE IDENTIFICATION	
PMCC PANEL	ERDA Sample Code No. :	ERDA-00357101
Rated voltage : 415 V	Type designation: PMCC-4000A	

Neutral & Earth Quantity (tested) : 1 No.

Further details as per Sheet 2 to 5 of 7

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE

LIMITED

TEST DETAILS

Rated frequency

No. of Phases

1.0 Mechanical operation (Cl. No. 10.13)

Rated current (Incoming)

TEST SPECIFICATIONS

IEC 61439-1:2011 & IEC 61439-2:2011

ENCLOSURE: i) Photograph No.: 1920-015631/G & H (Total 2 Nos.)

: 4000 A

: 50 Hz

: Three Phase,

ii) Oscillogram No.: Nil

iii) Drawing No. : SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0

SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0 SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

TEST WITNESSED BY: Mr. Vipul Patel (Production Head) of M/s. Sia Engineering Projects India

Private Limited.

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

PREPARED BY

CHECKED BY

(G. SOM) APPROVED BY

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TEST REPORT

SHEET 1 OF 11

NAME & ADDRESS OF THE CUSTOMER	TEST REPORT NO. : RP-1920-042167 DATE : 14/02/2020	
SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED
PRIVATE LIMITED	Letter	04/02/2020
SURVEY NO.: 1207, CHOSAR-JETALPUR ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	DATE OF SAMPLE RECEIPT	DATE OF TESTING
DIST.: AHMEDABAD – 382 435 (GUJARAT)	04/02/2020	05/02/2020 to 06/02/2020
SAMPLE DESCRIPTION	SAMPLE IDENTIFICATION	N

INSULATING MATERIAL PARTS OF PMCC PANEL

Rated voltage : 415 V Rated current (Incoming) : 4000 A Rated frequency : 50 Hz

No. of Phases : Three Phase,

Neutral & Earth Quantity (tested) : 1 No.

Further details as per Sheet 2 to 5 OF 11

ERDA Sample Code No.: ERDA-00357101

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE

LIMITED

TEST DETAILS

TEST SPECIFICATIONS

1.0 Verification of resistance of insulating Materials to abnormal heat and Fire due to internal electric effects

As per customer's requirement & test procedure followed as per IEC 61439-1:2011 &

IEC 61439-2:2011

ENCLOSURE: i) Photograph No.: 1920-015631/I to K (Total 3 Nos.)

ii) Oscillogram No.: Nil

iii) Drawing No.

: SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0 SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

TEST WITNESSED BY: Mr. Vipul Patel (Production Head) of M/s. Sia Engineering Projects India Private Limited.

NOTE: Only the test asked for by the customer has been carried out.

REMARKS: Sample **conforms** to the requirement of the customer for the test carried out.

PREPARED BY

CHECKED BY

(G. SOM) APPROVED BY

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TEST REPORT

ULR-TC538920000006072F

SHEET 1 OF 5

	DATE: 22/02/2020	
SIA ENGINEERING PROJECTS INDIA	CUSTOMER REF. NO	DATED
PRIVATE LIMITED	Letter	04/02/2020
SURVEY NO.: 1207, CHOSAR-JETALPUR ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	DATE OF SAMPLE RECEIPT	DATE OF TESTING
DIST.: AHMEDABAD - 382 435 (GUJARAT)	04/02/2020	06/02/2020 to 14/02/2020
SAMPLE DESCRIPTION	SAMPLE IDENTIFICATION	N

REPRESENTATIVE SAMPLE OF PMCC PANEL (WITH LOOSE SAMPLES)

NAME & ADDRESS OF THE CUSTOMER

Rated voltage

Rated current (Incoming)

Rated frequency

No. of Phases

: 4000 A : 50 Hz

Neutral & Earth

Quantity (tested)

: 415 V

: Three Phase.

: 1 No.

ERDA Sample Code No. :

ERDA-00357101 (Main Panel)

ERDA-00357102 (Representative sample)

TEST REPORT NO. : RP-1920-043695

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED

TEST DETAILS

1.0 Resistance to corrosion (Severity test A)

(Cl. No. 10.2.2.2)

TEST SPECIFICATIONS

IEC 61439-1: 2011 & IEC 61439-2: 2011

ENCLOSURE: i) Photograph No.: 1920-015631/L to N (Total 3 Nos.)

ii) Oscillogram No. : Nil

iii) Drawing No.

: SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0

SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0 SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out,

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Certificate No.: TC-5389

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TEST REPORT

ULR-TC538920000006120F

NAME & ADDRESS OF THE CUSTOMER

SHEET 1 OF 10 TEST REPORT NO.: RP-1920-043768

15/02/2020

	DATE : 22/02/2020		
SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED	CUSTOMER REF. NO	DATED	
SURVEY NO.: 1207, CHOSAR-JETALPUR	Letter	04/02/2020	
ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,	DATE OF SAMPLE RECEIPT	DATE OF TESTING	
DIST.: AHMEDABAD - 382 435 (GUJARAT)	04/02/2020	11/02/2020 to	

SAMPLE DESCRIPTION

PMCC PANEL

Rated voltage : 415 V Rated current (Incoming) : 4000 A Rated frequency : 50 Hz

No. of Phases : Three Phase,

Neutral & Earth

Rated insulation voltage

- 1000V for incoming & outgoing ACB feeder and Horizontal & vertical busbar

- 800V for MCCB feeder

Contains: Incoming ACB-4000A, Outgoing ACB-1250A, Outgoing MCCB-630A, Outgoing MCCB-400A, Outgoing MCCB-250A, Outgoing MCCB-160A, Outgoing MCCB-100A & Busbars

SAMPLE IDENTIFICATION

ERDA Sample Code No.: ERDA-00357101

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE LIMITED

Further details as per SHEET 2 to 5 OF 10

TEST DETAILS

1.0 Test to verify protection against mechanical impacts (IK 10)

TEST SPECIFICATIONS

Cl. No. 10.2.6 of IEC 61439-1:2011 & IEC 61439-2:2011 & IEC 62262: 2002

ENCLOSURE: i) Photograph No.: 1920-015631/00357101/A to E (Total 5 Nos.)

ii) Drawing No. : SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0

> SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0

(Total 3 sheets)

TEST WITNESSED BY: Mr. Bhavin Panchal (Engineer) of M/s. Sia Engineering Projects India Private Limited.

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

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TEST REPORT

ULR-TC53892	20000	007054	ŀF
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SHEET 1 OF 25

SIA ENGINEERING PROJECTS INDIA	
PRIVATE LIMITED	

NAME & ADDRESS OF THE CUSTOMER

SURVEY NO.: 1207, CHOSAR-JETALPUR

ROAD, VILLAGE: CHOSAR, TAL.: DASCROI,

DIST.: AHMEDABAD - 382 435 (GUJARAT)

DATE : 29/02/2020	
CUSTOMER REF. NO	DATED
Letter	04/02/2020
DATE OF SAMPLE	DATE OF TESTING

TEST REPORT NO.: RP-1920-044977

RECEIPT 10/02/2020 to 04/02/2020 28/02/2020

SAMPLE DESCRIPTION

PMCC PANEL

Rated voltage : 415 V : 4000 A

Rated current (Incoming)

Rated frequency No. of Phases

: 50 Hz

: Three Phase,

Neutral & Earth : 1 No.

Quantity (tested)

SAMPLE IDENTIFICATION

ERDA Sample Code No. : ERDA-00357101

Type designation: PMCC-4000A

Serial No.: SEPIPL/IEC61439/R0/28082019

Manufacturer's name:

SIA ENGINEERING PROJECTS INDIA PRIVATE

LIMITED

Further details as per sheet 2 to 5 of 25

TEST DETAILS

TEST SPECIFICATIONS

1.0 Dielectric properties (Cl. No.10.9)

IEC 61439-1: 2011 & IEC 61439-2: 2011

ENCLOSURE: i) Photograph No.: 1920-015631/O & P (Total 2 Nos.)

ii) Oscillogram No.: ERDA-00357101/01 & 10, ERDA-00357101/11 & 20,

ERDA-00357101/21 & 30, ERDA-00357101/31 & 40, ERDA-00357101/41 & 50, ERDA-00357101/51 & 60, ERDA-00357101/61 & 70, ERDA-00357101/71 & 80, ERDA-00357101/81 & 90, ERDA-00357101/91 & 100, ERDA-00357101/101 & 110,

ERDA-00357101/111 & 120, ERDA-00357101/121 & 130,

ERDA-00357101/131 & 140 (Total 28 Nos.)

iii) Drawing No.

: SEPIPL/IEC614339/R0/28082019 PAGE: 1 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 2 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 3 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 4 OF 5 REV: R0 SEPIPL/IEC614339/R0/28082019 PAGE: 5 OF 5 REV: R0

SEPIPL/SLD/IEC614339/R0/28082019 PAGE: 1 OF 1 REV: R0

(Total 6 sheets)

REMARKS: Sample **conforms** to the requirement of the standard for the test carried out.

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