



Jakson Limited

Test Certificate

FOR

ELECTRIC - GENERATOR SET

KVA 2250 KW 1800 ENGINE MAKE CUMMINS

ENGINE MODEL QSK60-G8 A.C. GENERATOR MAKE STAMFORD

FRAME SIZE S7L1D-H41 RPM 1500 Hz 50

This is to certify that the Electric Generator Set

Model JSP-22500 having Serial No. CJK-22120925

has been run and found to be electrically and mechanically sound and in working

order.

Date : 08/12/22

For Jakson Limited

Authorised Signatory

Registered Office :

626, 6th Floor Tower - A,
DLF Tower, Jasola
New Delhi-110044 INDIA

Works :

PLOT NO. 5A TO 10A & 6B,
IID CENTRE, GOVINDSAR,
KATHUA (J&K)-184102 INDIA

(Original For Recipient)

Tax Invoice



Name : Jakson Limited	Invoice No : IS0522100091	
Address : Survey No. 613, Swamy Complex,, Laxma Reddy Palaem,, Hayatnagar,, Hyderabad	Invoice Date : 09.12.2022	
	SO No : 81084271	
State Code : 36 (Telangana)	SO Date : 28.10.2022	
Our Ref. No. : 91118939	Transporter : RITCO LOGISTICS LTD	
GSTIN/UIN : 36AAACJ5347C1ZU	LR No : 26843216&26843217	
PAN : AAACJ5347C	LR Date : 09.12.2022	
Customer PO : 92620/206318	Vehicle No : PB07AS9583&PB23R0345	
CustomerPODate: 07.10.2022	EWB No :	
Currency : INR	EWB Date :	
	Place of Supply : Telangana(36)	

Billed to : 10042501

Name & Address: GV RESEARCH CENTERS PRIVATE LIMITED
5-4-187/3&4, II nd Floor, Soham Mansion, MG Road,
Secunderabad, Telangana, India,
500003 ,

Email : waseem@modiproperties.com

State : Telangana

State Code : 36

GSTIN/UIN : 36AAHCG4562D1ZP

PAN : AAHCG4562D

Shipped to : 70030620

Name & Address: G V Research Centers Pvt Ltd# , Project:- Innopolis, #Sy
No:542,Genome Valley, Turakapally, Hyderabad, Telangana,
India, 500078 ,
Ph-9347576914 / 9347576914

Email : waseem@modiproperties.com

State : Telangana

State Code : 36

GSTIN/UIN : 36AAHCG4562D1ZP

PAN : AAHCG4562D

SrN	Description of Goods	HSN/SAC	Qty.	UOM	Rate	Discount	Taxable value	Taxes	
								Rate (%)	Amount
1	11001103 GENERATING_SET-SPL SPL 2250 KVA DIESEL 3PH HHP CPCB II 2250 KVA / 1800 KW ELECTRIC GENERATING SET SILENT TYPE CONSISTING OF COMPONENTS AS PER CHALLAN ENCLOSED DESPATCH FROM: JAKSON LIMITED, PLOT NO. 5-A TO 10-A, & 6-B, KATHUA- 184102, JAMMU AND KASHMIR (Sr No. CJK-22120925 Engine Sr No. 85013707)	85021340	1.000	NOS	14,400,000.00	0.00	14,400,000.00		
							CGST	9.00	1,296,000.00
							SGST	9.00	1,296,000.00
	Total					0.00	14,400,000.00		
							Total CGST		1,296,000.00
							Total SGST		1,296,000.00
							TCS	0.1	11,992.00

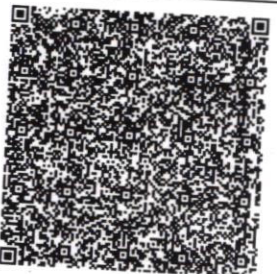
Head Office : Jakson Limited, A 43, Hosiery Complex, Phase-2, NOIDA 201305, Email: info@jakson.com, Website: www.jakson.com

Registered Office : JAKSON LIMITED, A-626, 6th FLOOR, DLF TOWER-A, JASOLA, New Delhi, 110025, CIN: U74899DL1997PLC088808

(Original For Recipient)

Tax Invoice


JAKSON

Name : Jakson Limited Address : Survey No. 613, Swamy Complex,, Laxma Reddy Palaem,, Hayatnagar,, Hyderabad State Code : 36 (Telangana) Our Ref. No. : 91118939 GSTIN/UIN : 36AAACJ5347C1ZU PAN : AAACJ5347C Customer PO : 92620/206318 CustomerPODate : 07.10.2022 Currency : INR		Invoice No : IS0522100091 Invoice Date : 09.12.2022 SO No : 81084271 SO Date : 28.10.2022 Transporter : RITCO LOGISTICS LTD LR No : 26843216&26843217 LR Date : 09.12.2022 Vehicle No : PB07AS9583&PB23R0345 EWB No : EWB Date : Place of Supply : Telangana(36)		
Billed to : 10042501 Name & Address : GV RESEARCH CENTERS PRIVATE LIMITED .5-4-187/3&4, II nd Floor, Soham Mansion, MG Road, Secunderabad, Telangana, India, 500003 , Email : waseem@modiproperties.com State : Telangana State Code : 36 GSTIN/UIN : 36AAHCG4562D1ZP PAN : AAHCG4562D		Shipped to : 70030620 Name & Address : G V Research Centers Pvt Ltd# , Project:- Innopolis, #Sy No:542,Genome Valley, Turakapally, Hyderabad, Telangana, India, 500078 , Ph-9347576914 / 9347576914 Email : waseem@modiproperties.com State : Telangana State Code : 36 GSTIN/UIN : 36AAHCG4562D1ZP PAN : AAHCG4562D		
Total Invoice Value (In Figure) Total Invoice Value (In Word)		ONE CRORE SEVENTY LAKH THREE THOUSAND NINE HUNDRED NINETY TWO RUPEES 17,003,992.00 INR		
Payment Term: 0001(Pay immediately) Freight: PAID Insurance: BY US				

Particular	Taxable Invoice value	IGST	CGST	SGST	TCS
Invoice Value	14,400,000.00	0.00	1,296,000.00	1,296,000.00	11,992.00
Advance received	0.00	0.00	0.00		0.00
Balance	14,400,000.00	0.00	1,296,000.00	1,296,000.00	11,992.00

1. Goods once sold will not be taken back on any account in case of future assessment of Tax on this transaction by the authorities the tax levied will be recovered from you.
2. All disputes are subject to Delhi jurisdiction only.
3. Payment be made by Cheque/Draft/RTGS/marked payee Account in the name of Jakson Limited.
4. You shall be liable to pay interest @ 24% p.a. on delayed payment.
5. E.&O.E.

For Jakson Limited

PAWAN KUMAR
 Digitally signed by PAWAN KUMAR
 Date: 2022.12.09 18:45:26 +05'30'

(Authorized Signatory)

 IRN:8c7e98a473ceed8adbe2bb8c1d64b2a2c993b21db69b144050efdad4331543cf
 Acknowledgement No:112214766820792

Prepared By : Ravinder Kumar

Acknowledgement Date:09-12-2022

 Head Office : Jakson Limited, A 43, Hosiery Complex, Phase-2, NOIDA 201305, Email: info@jakson.com, Website: www.jakson.com
 Registered Office : JAKSON LIMITED, A-626, 6th FLOOR, DLF TOWER-A, JASOLA, New Delhi, 110025, CIN: U74899DL1997PLC088808

JAKSON LIMITED

Phone :

Fax:

Survey No. 613, Swamy Complex,,
Laxma Reddy Palaem,, Hayatnagar,, Hyderabad

PACKING LIST CUM DELIVERY CHALLAN

Consignee:

G V Research Centers Pvt Ltd
Turakapally, Hyderabad, Telangana,
India, 500078

EG Set KW : 1800 KW
EG SET KVA: 2250 KVA
EG Sr No: CJK-22120925
2250 KVA 3P ELECTRIC GENERATING SET

Challan No : 2022-23/017

Invoice No : 1S0522100091

Date : 09.12.2022

SO N : 81084271

ENGINE :

Make: CUMMINS

Model: QSK-60-G8

Sr. No. 85013707

ALTERNATOR :

Make: STAMFORD

Frame: S7L1D-H41

Sr. No. N22I351409

BATTERIES :

Make: PULSELITE

Plate/AH: 160 AH

Qty: 4

Leads : WITH BATTERY LEAD

Sr No : 4H20900397/4H20900373
4H20900408/4H20900401

COOLING: RAD

Silencer: RESIDENTIAL SIL

Silencer: 02 NO.

A.V.R

Model : XXXX

Sr No : XXXX

FUEL TANK

Capacity : 990 LTRS

Type: WITH FUEL TANK

CONTROLLER:

Part No: PCC 3.3

Sr No : XXXX

CONTROL PANEL -N/A

CP MAKE:

CP :

ENCLOSURE

Sr No : JSPK225022120974

OTHER DETAILS

	YES	NO
Battery Charged :	✓	
AVM Pad Mounted :		✓
Lub Oil Filled:	✓	
Flexible Pipe Mounted:		✓

DOCUMENTS:

Engine Maint. Manual:	✓	
Engine spare Parts Books:		✓
Engine Warranty Card:		✓
Engine Wiring Diagram:		✓
PC/PSS500/PCC Manual:	✓	
Alternator Maint. Manual:	✓	
CP Wiring Diagram:	✓	
Battery Warranty Card:	✓	

Other Accessories:

EG SET -1 NO
FUEL TANK-1 NO
CONTROLLER- 1NO
ACC BOX- 1NO
SILENCER -2NO'S

PACKING DETAILS:

Total No'S of Packages:6 NO'S

Remarks:

GENSET NET WEIGHT-19500 KGS,
LUBE OIL, COOLANT,BATTERIES
WITH LEAD AND CLAMP IS
CHECKED AND VERIFIED BY
TRANSPORTER.

Test Certificate(original/ Photo copy) EG Set

Engine

Alternator

Control panel

Transporter:

L.R No. 26843216

Lorry No:

AD Lorry No:

Receiver's Full Name:

Prepared By:

Packed By:

Checked By:

Signature:

DUPLICATE COPY OF INVOICE (FOR TAKING MODVAT) HANDED OVER TO TRANSPORTER.

NOTE: IN CASE OF ANY DISCREPENCY, CLAIM MUST BE MADE WITHIN 7
DAYS OF RECEIPT OF EQUIPMENT, OTHERWISE IT WOULD BE ASSUMED THAT
GOODS, DOCUMENT HAVE BEEN RECEIVED AS PER PACKING LIST CUM
DELIVERY CHALLAN.

Regd. Office: A 626, 6TH FLOOR,
DLF TOWER-A, JASOLA
New Delhi-11076(India)
www.jakson.com

PAWAN
KUMAR

Digitally signed by
PAWAN KUMAR
Date: 2022.12.09
18:47:31 +05'30'

JAKSON LIMITED

Survey No. 613, Swamy Complex,,
Laxma Reddy Palaem,, Hayatnagar,, Hyderabad

PACKING LIST CUM DELIVERY CHALLAN

Phone :
Fax:

Consignee:

G V Research Centers Pvt Ltd
Turakapally, Hyderabad, Telangana,
India, 500078

EG Set KW : 1800 KW
EG SET KVA: 2250 KVA
EG Sr No: CJK-22120925
2250 KVA 3P ELECTRIC GENERATING SET

Challan No : 2022-23/018
Invoice No : 150522100091
Date : 09.12.2022
SO N : 81084271

ENGINE :

Make: CUMMINS

Model: QSK-60-G8

Sr. No. 85013707

ALTERNATOR :

Make: STAMFORD

Frame: S7L1D-H41

Sr. No. N22I351409

BATTERIES :

Make: PULSELITE

Plate/AH: 160 AH

Qty: 4

Leads : WITH BATTERY LEAD

Sr No : 4120900397 / 41209003
4120900408 / 41209004

COOLING: RAD

Silencer: RESIDENTIAL SIL

Silencer: 02 NO.

A.V.R

Model : XXXX

Sr No : XXXX

FUEL TANK

Capacity : 990 LTRS

Type: WITH FUEL TANK

CONTROLLER:

Part No: PCC 3.3

Sr No : XXXX

CONTROL PANEL -N/A

CP MAKE:

CP :

ENCLOSURE

Sr No : JSPK225022120974

OTHER DETAILS

	YES	NO
Battery Charged :	✓	
AVM Pad Mounted :		✓
Lub Oil Filled:	✓	
Flexible Pipe Mounted:		✓
DOCUMENTS:		
Engine Maint. Manual:	✓	
Engine spare Parts Books:		✓
Engine Warranty Card:		✓
Engine Wiring Diagram:		✓
PC/PSS500/PCC Manual:	✓	
Alternator Maint. Manual:	✓	
CP Wiring Diagram:	✓	
Battery Warranty Card:	✓	
Test Certificate(original/ Photo copy)	✓	

Other Accessories:

ACOUSTIC ENCLOSURE:-

BASE -5 NO'S

CAGE -9 NO'S

PACKING DETAILS:

Total No'S of Packages:14 NO'S

Remarks:

GENSET NET WEIGHT-6500 KGS,
LUBE OIL, COOLANT,BATTERIES
WITH LEAD AND CLAMP IS
CHECKED AND VERIFIED BY
TRANSPORTER.

READY MIXED COOLANT/ D.M. WATER MIXED WITH COOLANT FILLED IN THIS EG SET.

Transporter:

L.R No. 26843217

Lorry No:

AD Lorry No:

PB07AS
9583

Receiver's Full Name:

Prepared By:

Packed By:

Checked By:

Signature:

DUPLICATE COPY OF INVOICE (FOR TAKING MODVAT) HANDED OVER TO TRANSPORTER.

NOTE: IN CASE OF ANY DISCREPENCY, CLAIM MUST BE MADE WITHIN 7
DAYS OF RECEIPT OF EQUIPMENT, OTHERWISE IT WOULD BE ASSUMED THAT
GOODS, DOCUMENT HAVE BEEN RECEIVED AS PER PACKING LIST CUM
DELIVERY CHALLAN.

Regd. Office: A 626, 6TH FLOOR,
DLF TOWER-A, JASOLA
New Delhi-11076(India)
www.jakson.com

PAWAN
KUMAR

Digitally signed by
PAWAN KUMAR
Date: 2022.12.09
18:46:52 +05'30'

KVA: 2000 2250k

ESN: 85013707

Accessories Box Items

SR.NO	ITEM	PART NO.	QTY	REMARKS
1	Exhaust Bellow 10"/ 10"	*****	02 NOS.	Hardware fitted
2	Flange 10'	*****	02 NOS.	
3	GASKIT	*****	04 NOS.	
4	Battery lead	*****	02 NOS.	
5	Battery PUL 160 AH	*****	04 NOS.	4H20900397, 4H20900373
6	AVM pad with hardware	*****	16 sets	4H20900408, 4H20900401
7	Fuel saction pipe		03 no.	
8	Operator Manual	A052D364	01 no	
9	Operator Manual PCC3.3	A028T799	01 no	
10	Diagram	0630-2645	01 no.	
11	Health & safety	0908-0110-00	01 no	
12	Diagram	0630-3440-00	01 no	
13	Alternator manual	A061S225	01 no	
14	Diagram PCC3.3	A044F458	01 NO	
15	Maintenanace chart	3243609	01 no	
16	Part catalog CD	5277703	1 no	
17	Part catalog	4056474	1 no	
18	Operation manual	3666260	01 no	
19	G-drive manual	3884960	01 no	

PREPARED BY

CHECKED BY

Praveen

AUTHORISED BY

- ✓ 20. Label Logo - 0098-7902-04 - 01 Nos.
✓ 21. Cable electrical - 3166997 - 02 NOS.

Jakson Limited
Survey No. 613, Swamy Complex,,
Laxma Reddy Palaem,, Hayatnagar,,
Hyderabad- 501505

DELIVERY CHALLAN



GST NO : 36AAACJ5347C12U
PAN NO : AAACJ5347C

Challan No 2022-23/017
Challan Date 09.12.2022
Invoice No. 1S0522100091
Date 09.12.2022
Transport RITCO LOGISTICS LTD
Vehicle Regn. No. PB23R0345
LR NO 26843216
Mode Of Delivery BY ROAD
Final Destination JAKSON LIMITED PLOT NO 5-A TO 10-A & 6-B, KATHUA-184102,
JAMMU & KASHMIR. GST NO. 01AAACJ5347C127.

Name & Address of Customer
GV RESEARCH CENTERS PRIVATE LIMITED
5-4-187/3&4, II nd Floor, Soham Mansion, MG Road,
Secunderabad, Telangana, India, 500003

GST NO 36AAHCG4562D12P
PAN : AAHCG4562D

Name & Address of Consignee
G V Research Centers Pvt Ltd
Project:- Innopolis, Sy No:542,Genome Valley, Turakapally,
Hyderabad, Telangana, India, 500078

GST NO : 36AAHCG4562D12P
PAN : AAHCG4562D

Sr. No.	Description	HSN	UoM	QTY	Rate (INR)	CGST/SGST	Tax Amt (INR)	Total Amt (INR)
1	DIESEL GENERATING SET 2250 KVA (PART LOAD)	85021340	NOS	6.00	13,950,192.40	2,511,035	13,950,192	16,461,227

Total Amount : One Crore Sixty Four Lakh Seventy Three Thousand Two Hundred Nineteen Only.

TCS 11,992
Net Amount 16,473,219

PAWAN
KUMAR

For JAKSON LIMITED

Digitally signed by
PAWAN KUMAR
Date: 2022.12.09
18:48:05 +05'30'

Authorised Signatory

Regd. Office:626, 6th Floor, Tower-A, DLF Tower, Jasola, New Delhi-110076 India. Ph.: 011-65457616/17,25748654/56, Fax : 46130573, Email: Jaksondelhi@Jakson.com
Head Office : A-43, Phase-II (Extension), Opp. Noida-201 305 (U.P) India. Tel.: 0120-4302600,4526100,4740200, Fax: 4302646, Email: finance.accounts@jakson.com

Jakson Limited
Survey No. 613, Swamy Complex,,
Laxma Reddy Palaem,, Hayatnagar,,
Hyderabad- 501505

DELIVERY CHALLAN



GST NO : 36AAACJ5347C1ZU
PAN NO : AAACJ5347C

Challan No 2022-23/018
Challan Date 09.12.2022
Invoice No. 1S0522100091
Date 09.12.2022
Transport RITCO LOGISTICS LTD
Vehicle Regn. No. PB07AS9583
LR NO 26843217
Mode Of Delivery BY ROAD
Final Destination JAKSON LIMITED PLOT NO 5-A TO 10-A & 6-B, KATHUA-184102,
JAMMU & KASHMIR. GST NO. 01AAACJ5347C1Z7.

Name & Address of Customer
GV RESEARCH CENTERS PRIVATE LIMITED
,S-4-187/3&4, II nd Floor, Soham Mansion, MG Road,
Secunderabad, Telangana, India, 500003

GST NO 36AAHCG4562D1ZP
PAN : AAHCG4562D

Name & Address of Consignee
G V Research Centers Pvt Ltd
Project:- Innopolis, Sy No:542,Genome Valley, Turakapally,
Hyderabad, Telangana, India, 500078

GST NO : 36AAHCG4562D1ZP
PAN : AAHCG4562D

Sr. No.	Description	HSN	UoM	QTY	Rate (INR)	CGST/SGST	Tax Amt (INR)	Total Amt (INR)
1	DIESEL GENERATING SET 2250 KVA (PART LOAD)	85021340	NOS	14.00	449,808.00	80,965	449,808	530,773
Total Amount : Five Lakh Thirty Thousand Seven Hundred Seventy Three Only.							Net Amount	530,773

PAWAN
KUMAR

For JAKSON LIMITED
Digitally signed by
PAWAN KUMAR
Date: 2022.12.09
18:49:45 +05'30'
Authorised Signatory

Regd. Office:626, 6th Floor, Tower-A, DLF Tower, Jasola, New Delhi-110076 India. Ph.: 011-65457616/17,25748654/56, Fax : 46130573, Email: Jaksondelhi@jakson.com
Head Office : A-43, Phase-II (Extension), Opp. Noida-201 305 (U.P) India. Tel.: 0120-4302600,4526100,4740200, Fax: 4302646, Email: finance.accounts@jakson.com

e-Way Bill



E-Way Bill No:	1515 6714 3436
E-Way Bill Date:	10/12/2022 01:44 PM
Generated By:	36AAA CJ534 7C1ZU - JAKSON LIMITED
Valid From:	10/12/2022 01:44 PM [2069Kms]
Valid Until:	21/12/2022

Part - A

GSTIN of Supplier	36AAACJ5347C1ZU,JAKSON LIMITED
Place of Dispatch	KATHUA,JAMMU AND KASHMIR-184102
GSTIN of Recipient	36AAH CG456 2D1ZP ,GV RESEARCH CENTERS PRIVATE LIMITED
Place of Delivery	Project:- Innopolis, Sy No:542,Genome Valley, Tura,TELANGANA-500078
Document No.	2022-23/017
Document Date	09/12/2022
Transaction Type:	Combination of 2 and 3
Value of Goods	16473219.04
HSN Code	85021340 - DIESEL GENERATING SET 2250 KVA (PART LOAD)
Reason for Transportation	Outward - Others - Material Move
Transporter	07AACCR0305G1ZX & RITCO LOGISTICS LIMITED

Part - B

Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	PB23R0345 & 26843216 & 10/12/2022	KATHUA	10/12/2022 01:44 PM	07AACCR0305G1ZX	-	-



151567143436

e-Way Bill



E-Way Bill No:	1615 6714 6706					
E-Way Bill Date:	10/12/2022 01:42 PM					
Generated By:	36AAA CJ534 7C1ZU - JAKSON LIMITED					
Valid From:	10/12/2022 01:42 PM [2069Kms]					
Valid Until:	21/12/2022					
Part - A						
GSTIN of Supplier	36AAACJ5347C1ZU,JAKSON LIMITED					
Place of Dispatch	KATHUA,JAMMU AND KASHMIR-184102					
GSTIN of Recipient	36AAH CG456 2D1ZP ,GV RESEARCH CENTERS PRIVATE LIMITED					
Place of Delivery	Hyderabad, Telangana,TELANGANA-500078					
Document No.	2022-23/018					
Document Date	09/12/2022					
Transaction Type:	Combination of 2 and 3					
Value of Goods	530773.44					
HSN Code	85021340 - DIESEL GENERATING SET 2250 KVA (PART LOAD)					
Reason for Transportation	Outward - Others - Material Move					
Transporter	07AACCR0305G1ZX & RITCO LOGISTICS LIMITED					
Part - B						
Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	PB07AS9583 & 26843217 & 10/12/2022	KATHUA	10/12/2022 01:42 PM	07AACCR0305G1ZX	-	-
 161567146706						



Cummins India Ltd.

Power Generation Business Unit

Engine Test Certificate

*This is to certify that engine Model QSK60-G8
serial Number 85013707 has been tested using
diesel as per ISO3046 standard. Corrected Full Load
B.H.P. to N.T.P. conditions as per the test standard is
2145KW/2875 1500
..... B.H.P. @ R.P.M.*

Date : 01-10-2022

*Executive,
Product conformance*

STAMFORD

Test Certificate

FOR

SALIENT POLE, SELF EXCITED / PMG EXCITED AND SELF REGULATED AC GENERATOR

Machine No. **N22I351409**

Type Test has been conducted on similar design machine
STANDARDS: Generator generally conforms to BS 5000 : Part 3,
 Tested in accordance with BS EN 60034-1/IS/IEC 60034-1
 Rotor dynamically balanced to BS ISO 1940 - 1

ROUTINE TEST CERTIFICATE FOR BRUSHLESS AC GENERATOR:

FRAME: S7L1D-H41	AVR: None	AVR NO: na	ENCLOSURE: IP23
RATED KVA: 2250	RATED VOLTS: 415	RATED AMPS: 3130.2	FREQUENCY: 50
POWER FACTOR: 0.8	STR CONN: Star	STR WINDING: 312	DUTY: Base Continuous
EXC. VOLTS: 62	EXC.AMPS: 2.9	AMB TEMP: 40	PHASE: 3 WIRE: 4-Wire

FOR 3 PHASE SEQUENCE LOOKING FROM DRIVE END FOR CLOCKWISE ROTATION :U-V-W

WINDING	COLD RESISTANCE IN Ohm(+/- 10 %) AT 22°C (MAX VALUES)	INSULATION RESISTANCE (M- Ohm)	HV TEST 2KV FOR 1 MIN	INSULATION CLASS
STATOR (Phase to Phase)	0.000553	2+	OK	H
ROTOR	2.37	2+	OK	H

REGULATION TEST

FREQ.	VOLTS	AMPS	KVA	PF	KW	EXC.VOLT	EXC.AMP	% LOAD
52	416.4	0.00	0.00	0.00	0.00	12	.6	0.00
50	415	3130.2	2250	0.8	1800	62	2.9	100.00

REGULATION = (N.L.VOLTAGE-F.L.VOLTAGE / RATED VOLTAGE)*100 = 0.34 %

Item Description: AC Generator.S7L1D.4.H.1.312.,0,,18,.None.Thierry Green
 Remarks:

Date: 05-SEP-22	 Job No: 4328657-002	AUTHORISED BY Mayur D Deokar Quality Assurance
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Certificate Of Conformity

Quality System Certification
 ISO 9001:2015

Frame Size : **S7L1D-H41**Serial Number : **N22I351409**

Manufactured Date : 05-SEP-22

KVA: **2250**Authorized By Quality Assurance: **Mayur D Deokar**

This document is electronically generated, hence signature not required.

Print Date: 05-SEP-22

EU DECLARATION OF CONFORMITY



This synchronous low-voltage (<1000VAC) A.C. generator is designed for incorporation into an electricity generating-set and fulfils all the relevant provisions of the following EU Directive(s) when installed in accordance with the installation instructions contained in the product documentation:

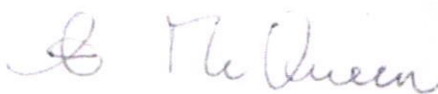
2014/35/EU	Low Voltage Directive
2014/30/EU	The Electromagnetic Compatibility (EMC) Directive
2011/65/EU	Restriction on Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive
2015/863	Delegated Directive amending Annex II of 2011/65/EU
2019/178	Delegated Directive amending Annex II of 2011/65/EU
2019/1845	Delegated Directive amending Annex II of 2011/65/EU

and that the standards and/or technical specifications referenced below have been applied:

EN IEC 61000-6-2:2019	Electromagnetic compatibility (EMC). Generic standards - Part 6-2: Immunity for industrial environments
EN IEC 61000-6-4:2019	Electromagnetic compatibility (EMC). Generic standards - Part 6-4: Emission standard for industrial environments
EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction
IEC 60034-1:2017	Rotating electrical machines - Part 1: Rating and performance
ISO 8528-3:2020	Reciprocating internal combustion engine driven alternating current generating sets - Part 3: Alternating current generators for generating sets
BS 5000-3:2006	Rotating electrical machines of particular types or for particular Applications - Part 3: Generators to be driven by reciprocating internal combustion engines - Requirements for resistance to vibration
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

This declaration has been issued under the sole responsibility of the manufacturer. The object of this Declaration is in conformity with the relevant Union harmonization Legislation.

The name and address of authorised representative, authorised to compile the relevant technical documentation, is the Company Secretary, Cummins Generator Technologies Romania, B-dul Decebal Nr. 116A 200746 Craiova Dolj, Romania.

Signed:  Date: 4th August 2021	Name, Title and Address: Alastair McQueen Global Technical Director Cummins Generator Technologies Romania B-dul Decebal Nr. 116A 200746, Craiova Dolj, ROMANIA
--	---

Description: S7L1D-H41

Serial Number: N22I351409

450-16383-J

EU DECLARATION OF CONFORMITY



**Generator
Technologies**

The A.C. Generator utilizes hazardous material exemptions as detailed in Annex III of EU Directive 2011/65/EU

Products carrying the following descriptions are considered to be out of scope of RoHS Directive 2011/65/EU, intended to be installed in Large Scale Fixed Installations and for installation into a predefined and dedicated location, installed and de-installed by professionals:

LVI80*

LVS180*

DSG 99*

DSG 114*

DSG 125*

DSG 144*

Where "*" represents any combination of letters and characters completing the specific description of the product.

450-16383-J

UK DECLARATION OF CONFORMITY



This synchronous low-voltage (<1000VAC) A.C. generator is designed for incorporation into an electricity generating-set and fulfils all the relevant provisions of the following UK Statutory Instrument(s) when installed in accordance with the installation instructions contained in the product documentation:

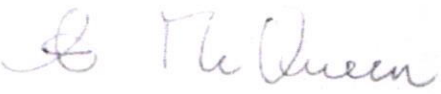
S.I. 2016/1101	The Electrical Equipment (Safety) Regulations
S.I. 2016/1091	The Electromagnetic Compatibility Regulations
S.I. 2012/3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations
S.I. 2019/492	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (Amendment) Regulations
S.I. 2008/1597	The Supply of Machinery (Safety) Regulations

and that the standards and/or technical specifications referenced below have been applied:

BS EN IEC 61000-6-2:2019	Electromagnetic compatibility (EMC). Generic standards - Part 6-2: Immunity standard for industrial environments
BS EN IEC 61000-6-4:2019	Electromagnetic compatibility (EMC). Generic standards - Part 6-4: Emission standard for industrial environments
BS EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction
IEC 60034-1:2017	Rotating electrical machines: Rating and performance
BS ISO 8528-3:2020	Reciprocating internal combustion engine driven alternating current generating sets - Part 3: Alternating current generators for generating sets
BS EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

This declaration has been issued under the sole responsibility of the manufacturer. The object of this Declaration is in conformity with the relevant UK Legislation.

The name and address of authorised representative, authorised to compile the relevant technical documentation, is the Company Secretary, Cummins Generator Technologies, Fountain Court, Lynch Wood, Peterborough, UK. PE2 6FZ.

Signed:  Date: 4th August 2021	Name, Title and Address: Alastair McQueen Global Technical Director Cummins Generator Technologies Fountain Court, Lynch Wood Peterborough, UK PE2 6FZ
--	--

Description: S7L1D-H41

Serial Number: N221351409

UK DECLARATION OF CONFORMITY



**Generator
Technologies**

The A.C. Generator utilizes hazardous material exemptions as detailed in Annex III of S.I. 2012/2032

Products carrying the following descriptions are considered to be out of scope of S.I. 2012/2032, intended to be installed in Large Scale Fixed Installations and for installation into a pre-defined and dedicated location, installed and de-installed by professionals:

LVI80*
LVSI80*
DSG 99*
DSG 114*
DSG 125*
DSG 144*

Where "*" represents any combination of letters and characters completing the specific description of the product.

450-16383-J

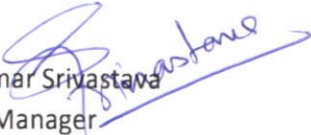


To : The User of this Engine

This engine is accompanied with Warranty card of Cummins India Limited.

But this engine was manufactured at a factory of Cummins Technologies India Pvt. Ltd. (CTIPL).

Hence CTIPL will be responsible for warranty coverage of this engine.


Alok Kumar Srivastava
Quality Manager
Phaltan High Horse Power
Cummins Technologies India Pvt. Ltd.

Phaltan High Horsepower Plant, SEZ Unit
Division of Cummins Technologies India Private Limited
(Formerly known as Cummins Technologies India Limited)
Plot No. B3/1, MIDC SEZ-Phaltan
Village Nandal-Survadi
Taluka Phaltan, District Satara - 415522
Maharashtra (India)
Phone +91 2166 305800
cumminsindia.com
ctipl@cummins.com

Registered Office
Cummins Technologies India Private Limited, Cummins India Office Campus
Tower A, 2nd, 4th and 8th Floor, Survey No. 21, Balewadi, Pune 411 045 Maharashtra, India
CIN : U29113PN1994FTC139153



SUBJECT TO DELHI JURISDICTION ONLY

RITCO LOGISTICS LIMITED

BULK

26843216

Corp. & Admin. Office : "RITCO HOUSE" 336, Phase-II, Udyog Vihar,
Gurgaon - 122 016, Haryana Ph. : 0124-4702300/301 E-mail : ho@ritcologistics.com
Regd. Office : 508, 5th Floor, Jyoti Shikhar Tower, District Centre,
Janakpuri, New Delhi-110058 Ph. : 011-25522158

G.R. No.

Date : 09-12-2021

Issuing Office : KATHUN

Consignor Name : JAGSON LIMITED Plot No 5-A To 10-A/8 G-B KATHUN
Consignee Name : G.V. Research Centre's Pvt Ltd # Project Gampodis

From : KATHUN
To : Hyderabad

Sy No 542 genome valley Thakurpally Hyderabad

At Owner's Risk Telangana - 500078 **CONSIGNEE COPY**

Quantity	Packing	Said to Contain	Weight	Vehicle NO.
7 set		2250 KVA Dry set	Gross 19500kg	D.R. NO. 40400
066945		EWAY -	Tare.....	D.O. NO. 25m
		1515 67143436	Net.....	D.O. NO. 25m
		Page - 21-12-2022	Charged.....	D.O. NO. 25m
		8 - no - CK-22120925	Freight.....	D.O. NO. 25m
		85013707	Check by.....	D.O. NO. 25m
		85013707	GP NO.	D.O. NO. 25m

Consignee's C.S.T. No. : 36AAYE54562012P	Remarks : Invoice no - challan no - 2022-2591012
Invoice Value : 16473219/-	Comput. by : 180522100091
	Page - 09-12-2022 Challa Date - 09-12-2022

Driver Name :

Signature :

Sign of Booking Officer :

TERMS & CONDITIONS

1. THE COMPANY DOES NOT TAKE ANY RESPONSIBILITY FOR LEAKAGE, BREAKAGE, SHORTAGE CAUSED BY SUN, RAIN, WATER OR WEATHER. SENDER IS RESPONSIBLE FOR PROPER PACKING AND BREAKABLE GOODS ARE CARRIED AT ABSOLUTE OWNER'S RISK.

2. FRESH FRUITS OR VEGETABLE BEING HIGHLY PERISHABLE ARE CARRIED AT THE ABSOLUTE RISK OF THE OWNER AND THE COMPANY DOES NOT TAKE ANY RESPONSIBILITY WHATSOEVER.

3. THE COMPANY WILL SEND GOODS AT THE EARLIEST POSSIBLE OPPORTUNITY IN FULL OR PART ACCORDING TO ITS CONVENIENCE.

4. THE GOODS WILL BE DELIVERED AGAINST PAYMENT OF ALL CHARGES.

5. THE GOODS WILL BE DELIVERED AT THE DESTINATION IN THE COMPANY'S GODOWN ONLY UNLESS SETTLED OTHERWISE IN WRITING.

6. THE DELIVERY OF THE GOODS WILL HAVE TO BE TAKEN WITHIN 3 DAYS AFTER ITS ARRIVAL AT THE DESTINATION FAILING WHICH THE SAME WILL BE LIABLE TO PAYMENT OF DEMURRAGE AT THE RATE OF RS. 5 PER QUANTAL PER PACKAGE PER DAY WHICHEVER IS HIGHER.

7. IF THERE IS ANY CLAIM ON ACCOUNT OF THE SHORT/NON RECEIPT THE SAME SHALL HAVE TO BE INTIMATED IN WRITING WITHIN 0 DAYS FROM THE DATE OF BOOKING AFTER WHICH THE SAME WILL NOT BE ENTERTAINED.

8. THE COMPANY DOES NOT TAKE ANY RESPONSIBILITY FOR DELAYS OR LOSS IN TRANSIT DUE TO ACCIDENTS, STRIKES OR ANY OTHER CAUSE BEYOND ITS CONTROL OR DUE TO BREAKDOWN ENROUTE AND OF THE CONSEQUENCES THAT FOLLOW.

9. ONCE THE DELIVERY OF GOODS IS EFFECTED AGAINST THE RECEIPT NO CLAIM WILL BE ENTERTAINED AFTER THAT.

10. IF THE OCTROI OR CUSTOM AUTHORITIES ASSESS THE GOODS WRONGFULLY, THE COMPANY WILL NOT BE RESPONSIBLE FOR THEIR FAULT AND THE CLAIM IF ANY WILL HAVE TO BE MADE BY THE PARTIES ON THE CONCERNED DEPARTMENTS DIRECT WITH NO OBLIGATION OF THE COMPANY TO ASSIST.

11. IF ANY DIFFERENCE IS FOUND IN CONSIGNMENT WEIGHT AS COMPARED WITH THE DECLARED WEIGHT ON THE GR AND GOODS ITSELF, THE COMPANY WILL RECOVER FULL CHARGES AT THE DESTINATION FOR ACTUAL WEIGHT PLUS 25% EXTRA.

12. IF THE GOODS OF THIS GR DOES NOT ARRIVE AT THE DESTINATION WITHIN ONE MONTH THE SENDER SHOULD

SEND THE REGISTERED NOTICE TO THE COMPANY OTHERWISE THE COMPANY WILL NOT BE RESPONSIBLE FOR THE CLAIM THEREAFTER ON ANY ACCOUNT.

13. IF THE CONSIGNEE DOES NOT TAKE DELIVERY OF THE GOODS WITHIN ONE MONTH THE COMPANY RESERVES THE RIGHT TO DISPOSE OFF THE MATERIAL IN PUBLIC AUCTION OR THROUGH SOME OTHER MEANS THAT MAY BE CONVENIENT AND THE SENDER WILL BE RESPONSIBLE FOR ALL LOSSES THAT MAY HAVE TO BE SUFFERED BY THE COMPANY INCLUDING FREIGHT ETC.

14. GOODS INSURED COVER FIRE RISK ONLY.

15. COMPANY DOES NOT TAKE ANY RESPONSIBILITY FOR LOSS OF DAMAGE TO MATERIAL CAUSED DUE TO RIOT OR CIVIL COMMOTION.

16. IF BY CHANCE THE LOADED VEHICLE CATCHES FIRE OR MEET WITH AN ACCIDENT THE COMPANY WILL NOT BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED TO THE MATERIAL.

17. ALL DISPUTES SUBJECT TO DELHI JURISDICTION ONLY AND EXCLUSIVELY.

18. IT WILL BE WITHIN THE RIGHTS OF THE COMPANY TO DELIVER THE GOODS/CONSIGNMENT WITHOUT COLLECTION OF THE ORIGINAL GR TO THE PARTY IF THE PARTY'S NAME IS MENTIONED IN THE CONSIGNEE COLUMN THE G.R. COMPANY SHALL NOT BE LIABLE FOR ANY CLAIMS ARISING THERE OF FROM SUCH DELIVERY.

19. SELF GR IS A BEARER CHEQUE AND ANYBODY WHO HOLDS IT CAN COLLECT THE CONSIGNMENT.

20. ANY BODY WHO SELFS THIS GR TO ANY OTHER BANK OR PARTY WILL BE RESPONSIBLE HIMSELF FOR ALL THE BOUNCED CHEQUES THAT MAY FOLLOW.

21. THE COMPANY IS NOT RESPONSIBLE FOR BRINGING BACK THE GOODS.

22. CONSIGNOR/CONSIGNEE IS RESPONSIBLE FOR THE ILLEGAL GOODS BOOKED.

23. IF THE VEHICLE OR VEHICLES OF THE COMPANY IS/ARE HELD UP TO BARRIER BY THE COMPETENT AUTHORITIES FOR CARRYING ILLEGAL MATERIAL OR MATERIALS NOT CONFIRMING OR MEETING WITH THE SALES TAX/STATUTORY REQUIREMENTS AS HANDED OVER BY THE PARTIES, ALL LOSSES SUFFERED BY THE COMPANY WILL BE PAYABLE BY CONSIGNOR/CONSIGNEE TO THE COMPANY AND THE COMPANY SHALL NOT BE LIABLE FOR ANY LOSS TO THE CONSIGNMENT.

24. CLAIMS FOR UNINSURED GOODS ARE LIMITED UP TO RS. 50/- ONLY.



SUBJECT TO DELHI JURISDICTION ONLY

RITCO LOGISTICS LIMITED

BULK

26843217

Corp. & Admin. Office : "RITCO HOUSE" 336, Phase-II, Udyog Vihar,
Gurugram - 122 016, Haryana Ph. : 0124-4702300/301 E-mail : ho@ritcologistics.com
Regd. Office : 508, 5th Floor, Jyoti Shikhar Tower, District Centre,
Janakpuri, New Delhi-110058 Ph. : 011-25522158

G.R. No.

Date : 09-12-02

Issuing Office : Kathyug

Consignor Name : Jackson limited plot no 5-A to 10-A, G.B. Kathyug
Consignee Name : G.V. Research Centers Pvt Ltd # project Jamnagar
Sy no 549 genome valley Tatkally Hyderabad
At Owner's Risk : Telangana-50078

AHMEDABAD: 0795-32528369, 32528412
ALLAHABAD : 0532-3209392
BHILAI : 0788-4051981
BHILWARA: 01482-241852
BHIWANDI: 02522-273650
BHUBANESHWAR: 0674-2546494
CHITTORGARH: 01472-320477
CUTTACK: 0671-3251716
GORAKHPUR: 2341883, 9336412153
HALDIA: 03224-273268, 273385
HAZIRA: 3230971, 0261-2861001
HOSHARPUR: 9878225685
INDORE : 0731-3207115
JABALPUR : 0761-4076099
JAIPUR : 9928049217
JAIPUR ROAD : 06726-325137
JAM NAGAR : 0288-3290319
KANPUR : 9839576341
KASHIPUR: 9837050931
KOLKATTA : 033-25210292, 25210365
KORBA: 07759-246093
LUDHIANA: 9872611247
MUMBAI: 022-33036422, 23432464
NAGPUR : 0172-3207222
PARADEEP : 0672-2228149
RAIPUR: 0771-4020981
UDAIPUR : 9928640079
UP BORDER : 0120-2627836
VAPI : 0260-2432576, 3200788
VARANASI : 0542-2371872, 2370148
VISHNUPUR : 9851210631

CONSIGNEE COPY

At Owner's Risk	Quantity	Packing	Said to Contain	Weight
	Household-enclosure - 2050 kVA set - Bag = 05 Cage Box = 09 Total = 14 Papers		Part B boxed Bway - 16/5 67/14-6906 Date - 21-12-022 Challan no - 2022-23/018 Challan Dgt - 09-12-022	Gross : 6500 kg Tare : Net : Charged : FTL Freight : B.B. Check by : Comput. by :
Consignee's C.S.T. No. : 36AAH/C44562017P Invoice Value : 530773/-	Remarks : 10522100091 Date - 09-12-022			

From : Kathyug
To : Hyderabad

VEHICLE NO.

PB07AS
9583

D.R. NO.

2010

D.O. NO.

2010

DOPIN.

2010

GP NO.

FORM NO.

Driver Name :

Signature :
Date : 09-12-022

Sign of Booking Officer :

TERMS & CONDITIONS

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24. CLAIMS FOR UNINSURED GOODS ARE LIMITED UP TO RS. 50/- ONLY.

STAMFORD®

STAMFORD®

Metal

Yes

ATTACHING LABEL
MUST BE FULLY DRY BEFORE
CLEAN. ALL TYPES OF PAINT FINISH
THE SURFACE MUST BE FLAT AND

S/N **N22I351409** MODEL **S7L1D-H41**

CON (S1)	STB (S10)	CON (S1)	STB (S10)
2250	2340	2750	2862
1800	1872	2200	2289.6
415	415	480	480
3130.2	3255.4	3307.7	3442.5
50	50	60	60
1500	1500.0	1800.0	1800.0
40	40	40	40
125	150	125	150
N/A	0.84	N/A	0.84

DUTY	CONNECTION	STAR
kVA	PHASE	3
kW	INS. CLASS	H
V	IP	IP23
A	kg	4083
Hz		
RPM		
AMB. TEMP °C		
TEMP. RISE K		
TL		



HQ: FOUNTAIN COURT, PETERBOROUGH, PE2 6FZ, UK
NEWAGE® I STAMFORD® I AVK®

IEC 60034-1 ISO 8528-3 MG 1-32 BS 5000-3
stamford-avk.com

CUSTOMER WARNING

IT IS YOUR RESPONSIBILITY TO ENSURE THAT THIS LABEL IS FITTED TO THE CORRECT GENERATOR AS PER DETAILS OVERLEAF.

IMPORTANT

THIS LABEL IS SELF ADHESIVE AND WILL PERMANENTLY BOND IN 72 HOURS.

THE SURFACE MUST BE FLAT AND CLEAN. ALL TYPES OF PAINT FINISH MUST BE FULLY DRY BEFORE ATTACHING LABEL.

CUSTOMER WARNING

IT IS YOUR RESPONSIBILITY TO ENSURE THAT THIS LABEL IS FITTED TO THE CORRECT GENERATOR AS PER DETAILS OVERLEAF.

IMPORTANT

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THE SURFACE MUST BE FLAT AND CLEAN. ALL TYPES OF PAINT FINISH MUST BE FULLY DRY BEFORE ATTACHING LABEL.

English

Addendum to STAMFORD | AvK Generator Installation, Service & Maintenance Manuals. The following safety precautions are in addition to those described in the Installation Manual.

SAFETY PRECAUTIONS:



Ensure that all personnel operating, servicing, maintaining or working near this equipment are wearing appropriate Personal Protective Equipment (PPE) including eye and ear protection and are fully aware of the emergency procedures in case of accidents.



Before any maintenance work on the generator is carried out, please ensure it is isolated from any source of mechanical and electrical energy. It is recommended that a suitable Lock-Out/Tag Out process is adopted.



Generators emit noise. Ensure appropriate ear protection is worn at all times. Maximum A weighted emissions levels may reach 104 db (A) Contact site for application specific details.



WARNING: The following may lead to catastrophic generator failure and could result personal injury:

- * Excess Vibration
- * Overloading
- * Synchronising outside of set parameters

DO NOT exceed parameters on Ratings Plate and ensure effective coupling of the generator to the engine using bolts to avoid excessive vibration. Refer to specifications in the supplied Manual.



WARNING: Fault finding procedures present hazards, which can result in injury or death. Only personnel qualified to perform electrical and mechanical service should carry out these procedures. Ensure engine-starting circuits are disabled before commencing service or maintenance procedures and refer to detailed AVR instructions. Always use insulated screwdrivers when using AVR.



Note: Before commencing any fault finding procedures examine all wiring for broken or loose connections.



WARNING: Do not handle PMG's if you have mechanically implanted devices; ie pacemakers.



Caution: As the highly magnetic rotor will attract the stator core, care must be taken to avoid contact to avoid personal injury and potential damage the winding.



WARNING: Do not place controls within the vicinity of the air inlet/outlet of the machine and ensure personnel are restricted from these areas during operation. In the event of catastrophic failure, machine parts may exit these areas.



Warning Labels: Warning labels are affixed to the Generator. These must not be removed. If removed during painting, it is the genset manufacturer's responsibility to reapply warning symbols back onto the generator.

Español

Apéndice de los manuales de instalación, servicio y mantenimiento de los alternadores STAMFORD | AvK. Las siguientes precauciones de seguridad deben considerarse precauciones añadidas a las descritas en el Manual de instalación.

PRECAUCIONES DE SEGURIDAD:

Compruebe que todo el personal que utilice, inspeccione, realice tareas de mantenimiento, o trabaje en las proximidades de este alternador lleve puesto el equipo de protección personal (EPP) adecuado, incluidas las protecciones de ojos y oídos, y que conozca perfectamente los procedimientos de emergencia que deben aplicarse en caso de accidente.

Antes de llevar a cabo cualquier tarea de mantenimiento en el alternador, verifique que esté aislado de cualquier fuente de energía mecánica o eléctrica. Es recomendable adoptar un proceso de desactivación del equipo (Lock-Out/Tag-Out) adecuado.

Los alternadores emiten ruido. Asegúrese de que se emplea la protección de oídos adecuada en todo momento. Los niveles de emisión A ponderados máximos pueden alcanzar los 104 db (A). Póngase en contacto con el emplazamiento para obtener datos concretos de la aplicación.

ADVERTENCIA: Las causas que se indican a continuación pueden dar lugar a un fallo crítico del alternador y ocasionar lesiones personales:

- * Exceso de vibración
- * Sobrecarga
- * Sincronización fuera de los parámetros establecidos

NO DEBEN excederse los parámetros establecidos en la placa de características y siempre hay que asegurarse de que el acoplamiento del alternador con el motor se ha realizado con los pernos adecuados para evitar el exceso de vibración. Consulte las especificaciones en el Manual que se entrega junto con el equipo.

ADVERTENCIA: Los procedimientos de localización de averías presentan riesgos que pueden implicar lesiones graves e incluso la muerte. Únicamente el personal cualificado para efectuar trabajos de servicio mecánico y eléctrico deberá llevar a cabo estos procedimientos. Compruebe que los circuitos de arranque del motor están desconectados antes de proceder a las tareas de mantenimiento o servicio, y consulte las instrucciones detalladas del AVR. Use siempre destornilladores aislados para regular el AVR.

Nota: Antes de iniciar cualquier procedimiento de localización de averías, compruebe el estado del cableado y las conexiones para asegurarse de que no están sueltos ni rotos.

ADVERTENCIA: No manipule generadores de imanes permanentes (PMG) si lleva implantado algún dispositivo mecánico, como un marcapasos por ejemplo.

Precaución: Como el rotor es altamente magnético y tenderá a atraer el núcleo del estator, deberá procurar que no entren en contacto para evitar lesiones personales y posibles daños del devanado.

ADVERTENCIA: No coloque controles en las proximidades de las entradas o salidas de aire de la máquina, y asegúrese de que se impide el acceso del personal a estas zonas durante el funcionamiento. En caso de producirse un fallo crítico, pueden salir piezas de la máquina por estas zonas.

Etiquetas de advertencia: Las etiquetas de advertencia están pegadas en el alternador. No se deben quitar. Si se quitan o se pinta sobre ellas, es responsabilidad del fabricante del equipo electrógeno volver a pegar símbolos de advertencia en el alternador.

Declaración de conformidad CE: Todo alternador se suministra con una "Declaración de conformidad CE" de acuerdo con las correspondientes directivas de la UE relativas a equipos diseñados para su incorporación a un grupo electrógeno, y con la marca CE. El equipo cumple las normas indicadas. Nuestro representante autorizado en la Comunidad Europea es Jeffrey Matthews, Director de Ingeniería de Cummins Generator Technologies Ltd.

Directives:
2004/108/EC Low Voltage Directive
2006/95/EC EMC Directive
2006/42/EC Machinery Directive

Standards:
EN 61000-6-1:2007
EN 61000-6-2:2005
EN 61000-6-4:2007
EN ISO 12100-1:2003
EN ISO 12100-1:2003
EN ISO 14121-1:2007
EN 60034-1:2004
BS ISO 8528-3:2005
BS5000-3:2006

EC Declaration of Conformity: Each generator is supplied with an 'EC Declaration of Conformity' in accordance with the relevant EU directives designed for incorporation into an electricity generating set and is CE marked. The stated Standards have been applied. Our authorized representative in the Community is Mr Jeffrey Matthews, Director, Engineering, Cummins Generator Technologies Ltd.

Appendice ai manuali di installazione, assistenza e manutenzione dei generatori STAMFORD | AvK. Le seguenti misure di sicurezza vanno considerate in aggiunta a quelle descritte nel manuale di installazione.

Addendum aux manuels d'installation et de maintenance des alternateurs STAMFORD | AvK. Les mesures de sécurité ci-dessous viennent s'ajouter aux mesures décrites dans le manuel d'installation.

Ergänzung zu den Handbüchern für Montage, Wartung und Instandhaltung für STAMFORD | AvK-Generatoren. Die folgenden Sicherheitsvorkehrungen gelten zusätzlich zu denen im Montagehandbuch.

PRECAUZIONI DI SICUREZZA:

Accertarsi che tutto il personale in servizio, gli addetti all'assistenza e alla manutenzione e tutti coloro che lavorano in prossimità del macchinario indossino gli adeguati dispositivi di protezione individuale (DPI), incluso protezione per vista e udito, e che conoscano le procedure di emergenza da seguire in caso di incidenti, di emergenza da seguire in caso di incidenti.

Prima di effettuare le operazioni di manutenzione sul generatore, assicurarsi che sia isolato da qualsiasi fonte di energia meccanica o elettrica. Si raccomanda di adottare un'adeguata procedura di sicurezza di blocco e segnalazione.

I generatori emettono rumore. Assicurarsi di indossare sempre le protezioni acustiche. I livelli di emissioni pesate possono raggiungere 104 db (A). Contattare il sito per informazioni specifiche disponibili per l'applicazione.

ATTENZIONE: le seguenti condizioni possono determinare guasti irreparabili nel generatore e lesioni al personale:

* **Eccessive vibrazioni**

* **Sovraccarico**

* **Sincronizzazione al di fuori dei parametri impostati**

NON superare i parametri riportati sulla targhetta con i dati di funzionamento e assicurarsi del corretto accoppiamento tra generatore e motore per mezzo di adeguati bulloni al fine di evitare un eccessivo livello di vibrazioni. Fare riferimento alle specifiche contenute nel manuale in dotazione.

ATTENZIONE: le procedure per la ricerca guasti espongono ad alcuni rischi che possono causare infortuni e anche la morte. Queste procedure, pertanto, vanno affidate esclusivamente a personale qualificato a eseguire interventi elettromeccanici. Prima di iniziare le procedure di assistenza o manutenzione, verificare che i circuiti di avviamento motore siano stati disattivati e fare riferimento alle istruzioni dell'AVR. Durante la regolazione dell'AVR usare sempre giraviti isolati.

Nota: prima di avviare qualsiasi procedura di ricerca guasti, esaminare tutto il cablaggio per rilevare eventuali connessioni interrotte o lente.

ATTENZIONE: non manipolare il PMG (Permanent Magnet Generator, generatore a magnete permanente) in caso di presenza di dispositivi impiantati, ad es. pacemaker.

Avviso: il rotore magnetico, molto potente, attrae il nucleo dello statore; è necessario, pertanto, fare attenzione per evitare contatti che potrebbero danneggiare l'avvolgimento e causare lesioni personali.

ATTENZIONE: non posizionare i comandi nelle immediate

vicinanze della presa d'aria e dello scarico della macchina

e assicurarsi che il personale non abbia accesso a tali aree durante il funzionamento. In caso di guasto irreversibile, da tali aree potrebbero fuoriuscire parti della macchina.

Etichette di segnalazione d'attenzione: le etichette di segnalazione d'attenzione sono affisse sul generatore. Non devono essere rimosse. In caso di rimozione o se coperte da vernice, è responsabilità del produttore affiggere nuovamente i simboli di avvertenza sul generatore.

Dichiarazione di conformità CE: Ciascun generatore è marcato CE ed è corredato dalla "Dichiarazione di conformità CE" in conformità con le direttive europee applicabili nel settore dei gruppi elettrogeni. Gli standard menzionati sono stati applicati. Il nostro rappresentante autorizzato per la Comunità Europea è Jeffrey Matthews, Direttore responsabile engineering, Cummins Generator Technologies Ltd.

MESURES DE SECURITE :

Tout le personnel chargé de l'exploitation, de la réparation ou de la maintenance de cet équipement, ainsi que toute personne travaillant à proximité, doit porter un équipement de protection individuelle (EPI) adapté, notamment pour la protection des yeux et des oreilles, et avoir pleine connaissance des procédures d'urgence à adopter en cas d'accidents.

Avant toute intervention de maintenance sur l'alternateur, celui-ci doit être isolé de toutes les sources d'énergie mécanique et électrique. Il est recommandé d'adopter une procédure de consignation/déconsignation appropriée.

Les alternateurs émettent du bruit d'un niveau sonore élevé. Une protection adéquate des oreilles doit être portée en toute circonstance. Le niveau de pression acoustique pondéré A peut atteindre 104 db (A). Pour des informations plus spécifiques, contactez le site.

AVERTISSEMENT: Les facteurs suivants peuvent entraîner une défaillance grave de l'alternateur susceptible de causer des blessures :

* **Vibrations excessives**

* **Surcharge**

* **Synchronisation en dehors des tolérances prescrites**

NE dépassez JAMAIS les tolérances indiquées sur la plaque signalétique. Veillez à accoupler correctement l'alternateur au moteur à l'aide de boulons appropriés de façon à éviter les vibrations excessives. Reportez-vous aux spécifications du manuel fourni.

AVERTISSEMENT: Les procédures de dépannage comportent des risques d'accidents, parfois mortels. Seul le personnel ayant la qualification nécessaire à l'exécution des opérations de maintenance électrique et mécanique est autorisé à exécuter ces procédures. Avant d'entreprendre une procédure de réparation, de révision ou de maintenance, vérifiez que les circuits de démarrage du moteur sont désactivés et reportez-vous aux instructions détaillées relatives au régulateur de tension AVR. Utilisez toujours des tournevis isolés pour ajuster le régulateur de tension AVR.

Remarque : Avant d'entreprendre une procédure de dépannage, vérifiez tout le câblage pour vous assurer que les connexions ne sont ni coupées ni desserrées.

AVERTISSEMENT: Ne manipulez pas l'excitatrice PMG si vous portez un dispositif mécanique implanté tel qu'un pacemaker.

Attention: Le rotor étant hautement magnétisé, il attire fortement le paquet de tôles stator. Veillez donc à éviter tout contact entre les deux pour ne pas risquer de vous blesser ou d'endommager le bobinage.

AVERTISSEMENT: Ne placez pas les commandes

à proximité des entrées/sorties d'air de la machine.

Empêchez l'accès du personnel à ces zones pendant le fonctionnement. En cas de défaillance grave, des pièces sont susceptibles de tomber à cet endroit.

Etiquettes d'avertissement: Des étiquettes d'avertissement sont apposées sur l'alternateur. Elles ne doivent pas être retirées. Si les étiquettes originales sont retirées ou recouvertes de peinture, il est de la responsabilité du constructeur du groupe électrogène d'apposer de nouveaux symboles d'avertissement appropriés sur l'alternateur.

Déclaration de conformité CE: Chaque alternateur fourni est marqué CE et accompagné d'une déclaration de conformité aux directives européennes relatives à l'incorporation dans un groupe électrogène. Il répond aux normes indiquées. Notre représentant autorisé est M. Jeffrey Matthews, directeur de l'ingénierie de Cummins Generator Technologies Ltd.

SICHERHEITSVORKEHRUNGEN:

Alle Personen, die dieses Gerät bedienen, warten und instandhalten bzw. in dessen Nähe arbeiten, müssen eine geeignete persönliche Schutzausrüstung (PSA), einschließlich Augen- und Gehörschutz, tragen sowie die Notfallverfahren bei Unfällen kennen.

Vor der Durchführung von Wartungsarbeiten am Generator muss er von allen mechanischen und elektrischen Energiequellen getrennt werden. Die Einführung eines geeigneten Einschaltsicherungs- und Spannungsfreischaltungsverfahrens wird empfohlen.

Generatoren erzeugen Schall. Es muss zu jeder Zeit ein Gehörschutz getragen werden. A-bewertete Schallpegel können einen Maximalwert von 104 dB (A) erreichen. Anlagenspezifische Einzelheiten sind am Einsatzstandort in Erfahrung zu bringen.

VORSICHT! Folgendes kann zu einem schwerwiegenden Generatorschaden mit Personenschäden führen:

* **Übermäßige Schwingungen**

* **Überlastung**

* **Synchronisation außerhalb der eingestellten Parameter**

Die Parameter auf dem Leistungsschild dürfen NICHT überschritten werden. Der Generator muss mit geeigneten Schrauben am Motor befestigt werden, um übermäßige Schwingungen zu vermeiden. Siehe die technischen Daten im mitgelieferten Handbuch.

VORSICHT! Fehlerbehebungsmaßnahmen stellen eine potenzielle Gefahr dar, die zu Verletzungen oder zu Todesfällen führen kann! Diese Arbeiten dürfen nur von entsprechend qualifizierten Fachkräften ausgeführt werden. Vor Wartungs- oder Instandhaltungsverfahren muss sichergestellt werden, dass Einschaltstromkreise deaktiviert sind. Siehe die ausführlichen AVR-Anweisungen. Für die AVR-Einstellung sind stets isolierte Schraubendreher zu verwenden.

Hinweis: Vor Fehlerbehebungsmaßnahmen sind alle Kabel auf schadhafte oder lose Verbindungen zu überprüfen.

VORSICHT! Personen, die Implantate, z. B. Herzschrittmacher, tragen, dürfen keine Dauermagnetgeneratoren handhaben.

Achtung! Da der stark magnetische Rotor den Statorkern anzieht, ist Vorsicht geboten, damit die Wicklung nicht durch eine Berührung beschädigt und Verletzungen vermieden werden.

VORSICHT! Bedienelemente dürfen nicht in der Nähe der Luftein- und Luftauslässe angeordnet werden.

Während des Betriebs sind Personen von diesen Bereichen fernzuhalten. Im Fall eines schwerwiegenden Ausfalls können u. U. Maschinenteile aus diesen Bereichen austreten.

Warnschilder: Am Generator sind Warnschilder angebracht. Diese Warnschilder dürfen nicht entfernt werden. Wurden sie entfernt oder überstrichen, liegt es in der Verantwortung des Generatorsatzherstellers die jeweiligen Warnsymbole wieder am Generator anzubringen.

EG-Konformitätserklärung: Jeder Generator wird mit einer EG-Konformitätserklärung gemäß den geltenden EU-Richtlinien für den Einbau in einen Generatorsatz für die Stromversorgung ausgeliefert und trägt das CE-Kennzeichen. Die aufgeführten Normen wurden angewendet. Unser in der Gemeinschaft ansässiger Bevollmächtigter ist Herr Jeffrey Matthews, Director, Engineering, Cummins Generator Technologies Ltd.