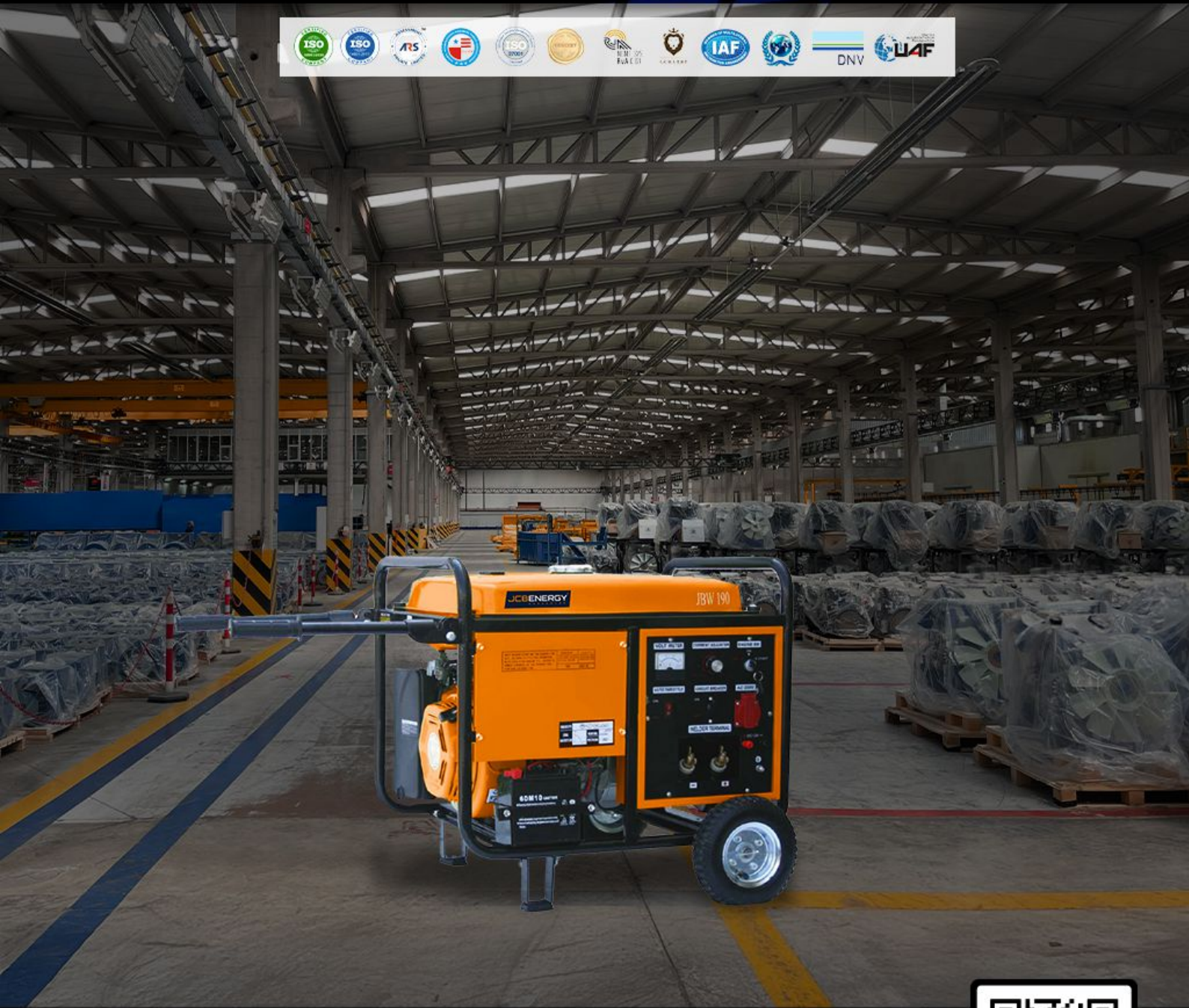


# JCB ENERGY ELECTRIC POWER INDUSTRY

MADRID / SPAIN



| ГРУПА  |                 | JBW 190     |
|--|-----------------|-------------|
| <b>Зварювальний апарат</b>                         |                 |             |
| Поточний діапазон регулювання                      | A               | 50-190      |
| Безперервний коефіцієнт зварювального навантаження | %               | 60          |
| Номінальна робоча напруга зварювання               | DCV             | 25-30       |
| Номінальний струм                                  | A               | 140         |
| Ємність електрода                                  | mm              | 2,0-5       |
| <b>Генератор</b>                                   |                 |             |
| Макс. Вихід змінного струму                        | kVA             | 3,5         |
| Номінальна потужність змінного струму              | kVA             | 2,8         |
| Номінальний струм                                  | A               | 11          |
| Вихідна напруга змінного струму                    | Volt            | 230         |
| Частота змінного струму                            | hz              | 50          |
| Чинник сили  | CosQ            | 1           |
| <b>Двигун</b>                                      |                 |             |
| Модель   | mm              | 188 FD      |
| Тип  |                 | -           |
| Зміщення   | cm <sup>3</sup> | -           |
| Макс. Вихідна потужність                           | Hp -3600rpm     | -           |
| Місткість паливного бака                           | lt              | -           |
| Споживання палива                                  | gr/kW-H         | -           |
| Стартова система                                   |                 | -           |
| Час безперервної роботи                            | hr              | -           |
| Ємність олії                                       | lt              | -           |
| Рівень шуму  | dB(A) @7mt      | -           |
| <b>Інші</b>  |                 |             |
| Автоматичний регулятор напруги                     |                 | √           |
| Очисник повітря великої ємності                    |                 | √           |
| Глушник великої ємності                            |                 | √           |
| Попередження про олію                              |                 | √           |
| Вольтметр  |                 | √           |
| Автоматичний вимикач змінного струму               |                 | √           |
| Паливомір  |                 | √           |
| Батарея  |                 | √           |
| Комплект візка з 4 колесами                        |                 | √           |
| Параметри  | LxWxH (mm)      | 740x490x615 |
| Суха вага  | (kg)            | 106         |



# НАШІ СЕРТИФІКАТИ



**GCR CERT**

**CERTIFICATE**

**HEALTHY & SAFE  
WORKPLACE CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

In recognition of the organization's Management System which complies with the requirements for COVID-19 measures, within the physical conditions of the business with in the scope of the Healthy and Safe Workplace Certificate program.


**FACTORIES - PRODUCTION LOCATIONS:  
ELECTRICAL AND ELECTRONICS INDUSTRY**

Certificate Number : GCRCERT-11.2023.3650  
Certificate Issue Date : 07.11.2023  
Certificate Validity : 06.11.2025




Abimanyu Gaurav  
Approval





**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN


In recognition of the organization's Management System which complies with

**ISO 22716:2013:GMP  
GOOD MANUFACTURING PRACTICES**



The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3585  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025



Abimanyu Gaurav  
Approval


**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

In recognition of the organization's Management System which complies with

**GHP**

The scope of activities covered by this certificate is defined below


**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3587  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025



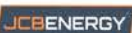
Abimanyu Gaurav  
Approval





**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

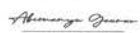
In recognition of the organization's Management System which complies with

**GDP**




The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3596  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025




Abimanyu Gaurav  
Approval

**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

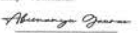
In recognition of the organization's Management System which complies with

**ISO 10002:2018**




The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-10.2023.3525  
Certificate Issue Date : 25.10.2023  
Certificate Validity : 24.10.2025



Abimanyu Gaurav  
Approval

**JCB Energy Electric Power  
Industry S.L.**


HAS OUR TOTAL SUPPORT

We are pleased to certify that this company, with its registered office (address as below), is fully authorized as an Original Equipment Manufacturer partner to incorporate Mecc Alte AC Generators when selling and distributing generating sets.

Mecc Alte also certifies that its products sold to this company are fully covered by the Mecc Alte Warranty.

Mecc Alte provides this company access to its extensive product knowledge in order to incorporate Mecc Alte AC Generators when selling and distributing generating sets.

World class alternators 1 - C000VIX.




**APPROVED  
MANUFACTURER**

**Radex Mivico**

CERTIFICATE NO.  
M8000163

VALID UNTIL  
31 December 2026


COMPANY ADDRESS  
Calle de Trespaderne, 7, P.I. 28042,  
Madrid, Spain



**POWER FROM WITHIN**

## CERTIFICATE OF REGISTRATION

This is to certify that the Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7 PLANTA 3, PUERTA C 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO/IEC 27001:2022

(Information Security Management System)

**SCOPE OF CERTIFICATION**




PROTECTION OF INFORMATION ASSETS OF RECORDS IN PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS  
SoA Details: JCB/12.12.2022

Certificate Number : **QCAS-JEE-24-051581691**

Initial Certification Date : 26 Nov 2024      Date of Expiry : 25 Nov 2027  
1st Surveillance Date : 26 Oct 2025      2nd Surveillance Date : 26 Oct 2026

Verify the Certificate: <https://qaafs.us/site/search/>

Issued by QCAS Certifications Inc.  
Managing Director

QCAS (Quality Certification Authority) Inc. 1811 North Center Dr. STE 202, Norfolk, VA 23502, United States of America  
This certificate attests to conformity of QCAS with the standards ISO/IEC 27001:2022 in Conformity to European Union of the certificate is subject to successful completion of surveillance audits.  
The responsibility for the scope of the certificate and the applicability of standard may be obtained by contacting the Organization.

## CERTIFICATE OF REGISTRATION

This is to certify that the Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7 PLANTA 3, PUERTA C 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 50001:2018

(Energy Management System)

**SCOPE OF CERTIFICATION**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

Certificate Number : **QCAS-JCB-23-05158814**

1<sup>st</sup> Surveillance Completed : 26 Nov 2024

Initial Certification Date : 25 Oct 2023      Date of Expiry : 24 Oct 2026  
1st Surveillance Date : 25 Sep 2024      2nd Surveillance Date : 25 Sep 2025

Verify the Certificate: <https://qaafs.us/site/search/>

Issued by QCAS Certifications Inc.  
Managing Director






QCAS (Quality Certification Authority) Inc. 1811 North Center Dr. STE 202, Norfolk, VA 23502, United States of America  
This certificate attests to conformity of QCAS with the standards ISO/IEC 27001:2022 in Conformity to European Union of the certificate is subject to successful completion of surveillance audits.  
The responsibility for the scope of the certificate and the applicability of standard may be obtained by contacting the Organization.

## Certificate of Surveillance

This is to certify that the Environmental Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 14001:2015

(Environmental Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS




(IAF Code: 18,19)

Certificate Number : 251022013423  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uafacreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director

UAF Address : 400, North Center Dr. STE 202, Norfolk, VA 23502, United States of America  
This certificate attests to conformity of ARS with the standards ISO/IEC 27001:2022 in Conformity to European Union of the certificate is subject to successful completion of surveillance audits.  
The responsibility for the scope of the certificate and the applicability of standard may be obtained by contacting the Organization or info@arscert.com

## Certificate of Surveillance

This is to certify that the Occupational Health and Safety Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 45001:2018

(Occupational Health and Safety Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

(IAF Code: 18,19)

Certificate Number : 251022013424  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uafacreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director





UAF Address : 400, North Center Dr. STE 202, Norfolk, VA 23502, United States of America  
This certificate attests to conformity of ARS with the standards ISO/IEC 27001:2022 in Conformity to European Union of the certificate is subject to successful completion of surveillance audits.  
The responsibility for the scope of the certificate and the applicability of standard may be obtained by contacting the Organization or info@arscert.com

## Certificate of Surveillance

This is to certify that the Quality Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 9001:2015

(Quality Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

(IAF Code: 18,19)

Certificate Number : 251022013422  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uafacreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director





UAF Address : 400, North Center Dr. STE 202, Norfolk, VA 23502, United States of America  
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[www.jcbenergy.es](http://www.jcbenergy.es)