JCB ENERGY ELECTRIC POWER INDUSTRY

MADRID / SPAIN

-VERTA-106188
-VERTA-106189

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GÉNÉRATEURS DIESEL -- SÉRIE JCC

GROUPE		JCC 28	JCC 38	JCC 115	JCC 155
Standby Puissance	kVA (kWe) A	28,0 [22,4] 40,5	38,0 [30,4] 54,9	115,0 [92,0] 166,2	155,0 [124,0] 224,0
Prime puissance	kVA (kWe) A	25,5 [20,4] 36,8	34,5 [27,6] 49,9	104,5 [83,6] 151,1	140,9 [112,7] 203,6
Puissance continues	kVA (kWe) A	17,8 [14,3] 25,7	24,2 [19,3] 34,9	73,2 [58,5] 105,8	98,6 [78,9] 142,5
Facteur de puissance	CosQ	0,8	0,8	0,8	0,8
Fréquence	Hz	50	50	50	50
MOTEUR					
Faire		CUMMINS	CUMMINS	CUMMINS	CUMMINS
Modèle		X2.5G2	X3.3G1	X3.3G1	S3.8G7
Vitesse	(RPM)	1500	1500	1500	1500
Puissance brute du moteur	(kW)	27,0	36,0	102,0	145,0
Puissance nette du moteur	(kW)	26,0	35,1	98,0	141,0
Nombre de cylindre		3	4	6	6
Configuration		Verticale, en ligne	Verticale, en ligne	Verticale, en ligne	Verticale, en ligne
Émission		Non réglementé	Non réglementé	Non réglementé	Non réglementé
Aspiration		Naturellement	Naturellement	Turbocompressé &Refroidi	Turbocompressé &Refroidi
Type de gouvernance		Mécanique/Électronique	Mécanique/Électronique	Électronique	Électronique
Déplacement	[L]	2,5	3,3	5,9	5,9
Alésage et course	[mm]	91,7 x 127	91,4 x 127	102 x 120	102 x 120
Ratio de compression		18.5:1	18.5:1	17.6:1	16.5:1
Système électrique	[V]	12	12	12	12
Consommation de carburant Prime - % 50 chargés	[L/h]	3,1	4,2	11,8	16,9
Consommation de carburant Prime-% 75 chargés	[L/h]	4,7	6,3	17,6	25,4
Consommation de carburant Prime-% 100 chargés	[L/h]	5,7	7,7	21,4	30,8
Consommation de carburant en veille - % 100 chargés	[L/h]	6,2	8,4	23,5	33,8
Capacité du réservoir de carburant, sans auvent (Canopy)	[lt]	58 [40]	58 [40]	161 [205]	190 [376]
ALTERNATEUR					
Faire		JCB ENERGY	JCB ENERGY	JCB ENERGY	JCB ENERGY
Puissance de sortie	400 V-kVA	27	35	109	141
Survitesse	2U+1000V	2250	2250	2250	2250
Classe d'isolation		H	H	H	H
Indice de protection d'entrée		IP-23	IP-23	IP-23	IP-23
Tension		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Régulation de tension		±1	±1	±1	±1
DIMENSIONS					
Largeur, ouvert [Canopy/cabine]	[mm]	619 [942]	619 [942]	700 [1042]	800 [1153]
Longueur, ouvert [Canopy]	[mm]	1400 [1916]	1400 [1916]	1900 [2615]	2150 [2971]
Hauteur, Ouvert [Canopy]	[mm]	1329 [1444]	1329 [1444]	1562 [1766]	1549[2027]
Poids, ouvert [Canopy]	[kg]	557 [710]	585 [740]	1067 [1240]	1217 [1620]

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JCB ENERGY SE RÉSERVE LE DROIT DE MODIFIER LES CATALOGUES, LES PRODUITS, LES MODÈLES ET LES SPÉCIFICATIONS TECHNIQUES.

GROUPE		JCC 175	JCC 235	JCC 300	JCC 330
Standby Puissance	kVA (kWe) A	175,0 [140,0] 252,9	235,0 [188,0] 339,6	300,0 [240,0] 433,5	330,0 [264,0] 476,9
Prime puissance	kVA (kWe) A	159,1 [127,3] 229,9	213,6 [170,9] 308,7	272,7 [218,2] 394,1	300,0 [240,0] 433,5
Puissance continues	kVA (kWe) A	111,4 [89,1] 160,9	149,5 [119,6] 216,1	190,9 [152,7] 275,9	210,0 [168,0] 303,5
Facteur de puissance	CosQ	0,8	0,8	0,8	0,8
Fréquence	Hz	50	50	50	50
MOTEUR					
Faire		CUMMINS	CUMMINS	CUMMINS	CUMMINS
Modèle		6BTAA5.9G7	QSB7G5	6LTAA.9.5G3	QSL9G5
Vitesse	(RPM)	1500	1500	1500	1500
Puissance brute du moteur	(kW)	160,0	213,0	276,0	310,0
Puissance nette du moteur	(kW)	156,0	197,0	260,0	297,0
Nombre de cylindre		6	6	6	6
Configuration		Verticale, en ligne	Verticale, en ligne	Verticale, en ligne	Verticale, en ligne
Émission		Non réglementé	Tier 3	Non réglementé	Tier 3
Aspiration		Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi
Type de gouvernance		Électronique	Électronique	Électronique	Électronique
Déplacement	[L]	5,9	6,69	9,5	8,8
Alésage et course	[mm]	102 x 120	107 x 124	116 x 148	114 x 145
Ratio de compression		16.5:1	16.8:1	16,5:1	16.8:1
Système électrique	[V]	12	24	24	24
Consommation de carburant Prime - % 50 chargés	[L/h]	18,7	21,7	28,6	32,7
Consommation de carburant Prime-% 75 chargés	[L/h]	28,1	32,5	42,9	49,0
Consommation de carburant Prime-% 100 chargés	[L/h]	34,0	39,4	51,7	59,4
Consommation de carburant en veille - % 100 chargés	[L/h]	37,4	43,3	57,2	65,3
Capacité du réservoir de carburant, sans auvent (Canopy)	[lt]	256 [376]	256 [376]	475 [673]	190 [376]
ALTERNATEUR					
Faire		JCB ENERGY	JCB ENERGY	JCB ENERGY	JCB ENERGY
Puissance de sortie	400 V-kVA	159,0	214,0	273,0	318,0
Survitesse	2U+1000V	2250	2250	2250	2250
Classe d'isolation		H	H	H	H
Indice de protection d'entrée		IP-23	IP-23	IP-23	IP-23
Tension		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Régulation de tension		±1	±1	±1	±1
DIMENSIONS					
Largeur, ouvert [Canopy]	[mm]	900 [1153]	900 [1153]	1100 [1179]	1100 [1179]
Longueur, ouvert [Canopy]	[mm]	2400 [2971]	2400 [2971]	3095 [3921]	3095 [3921]
Hauteur, Ouvert [Canopy]	[mm]	1549 [2027]	1549 [2027]	1782 [2498]	1782 [2498]
Poids, ouvert [Canopy]	[kg]	1317 [1670]	1450 [1810]	2159 [2600]	2163 [2600]

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GÉNÉRATEURS DIESEL -- SÉRIE JCC

GROUPE		JCC 350	JCC 450	JCC 565	JCC 725
Standby Puissance	kVA (kWe) A	350,0 [280,0] 505,8	450,0 [360,0] 650,3	565,0 [452,0] 816,5	725,0 [580,0] 1.047,7
Prime puissance	kVA (kWe) A	318,2 [254,5] 459,8	409,1 [327,3] 591,2	513,6 [410,9] 742,2	659,1 [527,3] 952,4
Puissance continues	kVA (kWe) A	222,7 [178,2] 321,9	286,4 [229,1] 413,8	359,5 [287,6] 519,6	461,4 [369,1] 666,7
Facteur de puissance	CosQ	0,8	0,8	0,8	0,8
Fréquence	Hz	50	50	50	50
MOTEUR					
Faire		CUMMINS	CUMMINS	CUMMINS	CUMMINS
Modèle		6LTAA5.9G1	QSG12G2	QSX15G8	VTA28G5
Vitesse	(RPM)	1500	1500	1500	1500
Puissance brute du moteur	(kW)	320,0	407,0	500,0	622,0
Puissance nette du moteur	(kW)	300,0	385,0	477,0	606,0
Nombre de cylindre		6	6	6	12
Configuration		Verticale, en ligne	Verticale, en ligne	Verticale, en ligne	40°Vee
Émission		Non réglementé	Tier 2	Tier 2	Non réglementé
Aspiration		Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi
Type de gouvernance		Électronique	Électronique	Électronique	Électronique
Déplacement	[L]	9,5	15	15	28
Alésage et course	[mm]	116 x 148	137 x 169	137 x 169	140 x 152
Ratio de compression		16.5:1	17:1	17:1	13.1:1
Système électrique	[V]	24	24	24	24
Consommation de carburant Prime - % 50 chargés	[L/h]	33,0	42,4	52,5	60,6
Consommation de carburant Prime-% 75 chargés	[L/h]	49,5	63,5	78,7	90,9
Consommation de carburant Prime-% 100 chargés	[L/h]	60,0	77,0	95,4	110,2
Consommation de carburant en veille - % 100 chargés	[L/h]	66,0	84,7	104,9	121,2
Capacité du réservoir de carburant, sans auvent (Canopy)	[lt]	475 [673]	475 [673]	475 [673]	673 [400]
ALTERNATEUR					
Faire		JCB ENERGY	JCB ENERGY	JCB ENERGY	JCB ENERGY
Puissance de sortie	400 V-kVA	318,0	409,0	514,0	659,0
Survitesse	2U+1000V	2250	2250	2250	2250
Classe d'isolation		H	H	H	H
Indice de protection d'entrée		IP-23	IP-23	IP-23	IP-23
Tension		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Régulation de tension		±1	±1	±1	±1
DIMENSIONS					
Largeur, ouvert [Canopy]	[mm]	1100 [1179]	1100 [1179]	1100 [1179]	1200 [1646]
Longueur, ouvert [Canopy]	[mm]	3095 [3921]	3254 [3921]	3254 [3921]	3383 [4632]
Hauteur, Ouvert [Canopy]	[mm]	1782 [2498]	1782 [2498]	1782 [2498]	1953 [2641]
Poids, ouvert [Canopy]	[kg]	2163 [2600]	2353 [2790]	2379 [2970]	2931 [3790]

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GROUPE		JCC 825	JCC 900	JCC 1100	JCC 1130
Standby Puissance	kVA (kWe) A	825,0 [660,0] 1.192,2	900,0 [720,0] 1.300,6	1.100,0 [880,0] 1.589,6	1.130,0 [904,0] 1.632,9
Prime puissance	kVA (kWe) A	750,0 [600,0] 1.083,8	818,2 [654,5] 1.182,3	1.000,0 [800,0] 1.445,1	1.027,3 [821,8] 1.484,5
Puissance continues	kVA (kWe) A	525,0 [420,0] 758,7	527,7 [458,2] 827,6	700,0 [560,0] 1.011,6	719,1 [575,3] 1.039,1
Facteur de puissance	CosQ	0,8	0,8	0,8	0,8
Fréquence	Hz	50	50	50	50
MOTEUR					
Faire		CUMMINS	CUMMINS	CUMMINS	CUMMINS
Modèle		VTA28G6	QSK23G3	QSXT30G4	KTA38G5
Vitesse	(RPM)	1500	1500	1500	1500
Puissance brute du moteur	(kW)	733,0	768,0	970,0	970,0
Puissance nette du moteur	(kW)	705,0	746,0	929,0	940,0
Nombre de cylindre		12	6	12	12
Configuration		40°Vee	Verticale, en ligne	50°Vee	60°Vee
Émission		Non réglementé	Non réglementé	Non réglementé	Non réglementé
Aspiration		Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi
Type de gouvernance		Électronique	Électronique	Électronique	Électronique
Déplacement	[L]	28	23,15	30,48	37,8
Alésage et course	[mm]	140 x 152	170 x 170	140 x 165	159 x 159
Ratio de compression		13.1:1	17:1	14:1	13.9:1
Système électrique	[V]	24	24	24	24
Consommation de carburant Prime - % 50 chargés	[L/h]	70,5	74,6	92,9	94,0
Consommation de carburant Prime-% 75 chargés	[L/h]	105,8	111,9	139,4	141,0
Consommation de carburant Prime-% 100 chargés	[L/h]	128,2	135,6	168,9	170,9
Consommation de carburant en veille - % 100 chargés	[L/h]	141,0	149,2	185,8	188,0
Capacité du réservoir de carburant, sans auvent (Canopy)	[lt]	1193 [530]	1193 [530]	1193 [530]	1193 [530]
ALTERNATEUR					
Faire		JCB ENERGY	JCB ENERGY	JCB ENERGY	JCB ENERGY
Puissance de sortie	400 V-kVA	750,0	850,0	1000,0	1000,0
Survitesse	2U+1000V	2250	2250	2250	2250
Classe d'isolation		H	H	H	H
Indice de protection d'entrée		IP-23	IP-23	IP-23	IP-23
Tension		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Régulation de tension		±1	±1	±1	±1
DIMENSIONS					
Largeur, ouvert [Canopy]	[mm]	1400 [1942]	1400 [1942]	1400 [1942]	1400 [1942]
Longueur, ouvert [Canopy]	[mm]	4000 [5166]	4000 [5166]	4000 [5166]	4000 [5166]
Hauteur, Ouvert [Canopy]	[mm]	2188 [2920]	2188 [2920]	2188 [2920]	2188 [2920]
Poids, ouvert [Canopy]	[kg]	4240 [5530]	4358 [5650]	4667 [5960]	4667 [5960]

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GÉNÉRATEURS DIESEL -- SÉRIE JCC

GROUPE		JCC 1400	JCC 1650	JCC 2250
Standby Puissance	kVA (kWe) A	1.400,0 [1.120,0] 2.023,1	1.650,0 [1.320,0] 2.384,4	2.250,0 [1.800,0] 3.251,4
Prime puissance	kVA (kWe) A	1.272,7 [1.018,2] 1.839,2	1.500,0 [1.200.0] 2.167,6	2.045,4 [1.636,4] 2.955,9
Puissance continues	kVA (kWe) A	890,9 [712,7] 1.287,4	1.050,0 [840,0] 1.517,3	1.431,8 [1.145,5] 2.069,1
Facteur de puissance	CosQ	0,8	0,8	0,8
Fréquence	Hz	50	50	50
MOTEUR				
Faire		CUMMINS	CUMMINS	CUMMINS
Modèle		KTA50G3	KTA50G8	QSK60G4
Vitesse	(RPM)	1500	1500	1500
Puissance brute du moteur	(kW)	1227,0	1429,0	1915,0
Puissance nette du moteur	(kW)	1192,0	1387,0	1861,0
Nombre de cylindre		16	16	16
Configuration		60°Vee	60°Vee	60°Vee
Émission		Non réglementé	Non réglementé	Non réglementé
Aspiration		Turbocompressé &Refroidi	Turbocompressé &Refroidi	Turbocompressé &Refroidi
Type de gouvernance		Électronique	Électronique	Électronique
Déplacement	[L]	50,3	50,3	60,2
Alésage et course	[mm]	159 x 159	159 x 159	159 x 190
Ratio de compression		13.9:1	14.9:1	14.5:1
Système électrique	[V]	24	24	24
Consommation de carburant Prime - % 50 chargés	[L/h]	119,2	138,7	186,1
Consommation de carburant Prime-% 75 chargés	[L/h]	178,8	208,1	279,2
Consommation de carburant Prime-% 100 chargés	[L/h]	216,7	252,2	338,4
Consommation de carburant en veille - % 100 chargés	[L/h]	238,4	277,4	372,2
Capacité du réservoir de carburant, sans auvent (Canopy)	[lt]	2250 [2250]	2500 [2500]	3500 [3500]
ALTERNATEUR				
Faire		JCB ENERGY	JCB ENERGY	JCB ENERGY
Puissance de sortie	400 V-kVA	1273,0	1500,0	2045,0
Survitesse	2U+1000V	2250	2250	2250
Classe d'isolation		H	H	H
Indice de protection d'entrée		IP-23	IP-23	IP-23
Tension		231 / 400 V	231 / 400 V	231 / 400 V
Régulation de tension		±1	±1	±0,5
DIMENSIONS				
Largeur, ouvert [Canopy]	[mm]	2000 [2390]	2465 [2418]	2600 [2800]
Longueur, ouvert [Canopy]	[mm]	4500 [6769]	4500 [7885]	5700 [9000]
Hauteur, Ouvert [Canopy]	[mm]	2310 [3156]	2463 [3308]	2643 [2900]
Poids, ouvert [Canopy]	[kg]	7120 [11500]	7540 [11870]	13570 [18590]

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GROUPE		JCC 28M	JCC 38M
Standby Puissance	kVA (kWe) A	28,0 [22,4] 121,7	38,0 [30,4] 165,2
Prime puissance	kVA (kWe) A	25,5 [20,4] 110,7	34,5 [27,6] 150,2
Puissance continues	kVA (kWe) A	20,4 [16,3] 88,5	27,6 [22,1] 120,2
Facteur de puissance	CosQ	0,8	0,8
Fréquence	Hz	50	50
MOTEUR			
Faire		CUMMINS	CUMMINS
Modèle		X2.5G2	X3.3G1
Vitesse	(RPM)	1500	1500
Puissance brute du moteur	(kW)	27,0	36,0
Puissance nette du moteur	(kW)	26,0	35,1
Nombre de cylindre		3	4
Configuration		Vertical, en ligne	Vertical, en ligne
Émission		Non réglementé	Non réglementé
Aspiration		Naturellement	Naturellement
Type de gouvernance		Mécanicien/Electronique	Mécanicien/Electronique
Déplacement	[L]	2,5	3,3
Alésage et course	[mm]	91,7 x 127	91,4 x 127
Ratio de compression		18,5:1	18,5:1
Système électrique	[V]	12	12
Consommation de carburant Prime - % 50 chargés	[L/h]	3,23	4,32
Consommation de carburant Prime- % 75 chargés	[L/h]	4,66	6,22
Consommation de carburant Prime- % 100 chargés	[L/h]	6,13	8,18
Consommation de carburant en veille - % 100 chargés	[L/h]	6,94	9,25
Capacité du réservoir de carburant, sans auvent (Canopy)	[lt]	58 [40]	58 [40]
ALTERNATEUR			
Faire		JCB ENERGY	JCB ENERGY
Puissance de sortie	400 V-kVA	40,0	55,0
Survitesse	rpm	2250	2250
Classe d'isolation		H	H
Indice de protection d'entrée		IP-23	IP-23
Tension		230 V	230 V
Régulation de tension		±1	±1
DIMENSIONS			
Largeur, ouvert [Canopy]	[mm]	619 [942]	619 [942]
Longueur, ouvert [Canopy]	[mm]	1400 [1916]	1400 [1916]
Hauteur, Ouvert [Canopy]	[mm]	1329 [1444]	1329 [1444]
Poids, ouvert [Canopy]	[kg]	557 [710]	585 [740]

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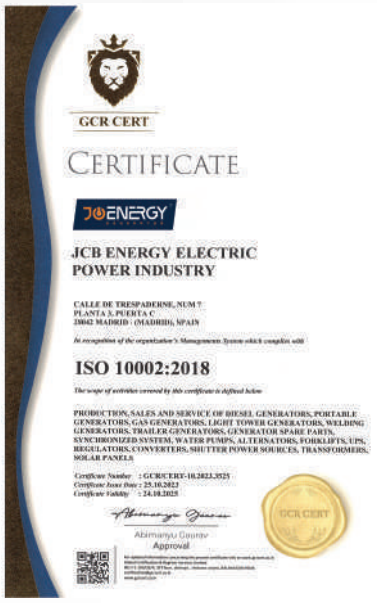
NOS CERTIFICATS


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

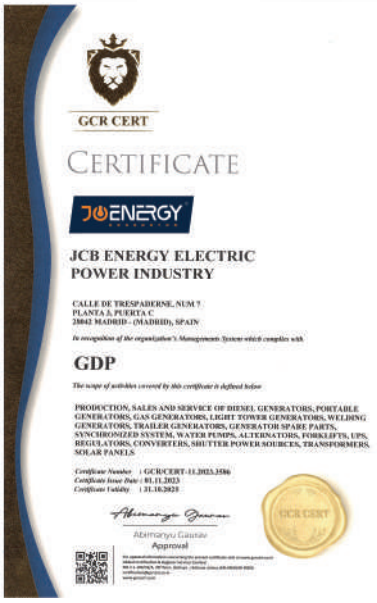
ISO 10002:2018

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 : GCR/CERT-10.2023.3525
Certificate Issue Date : 25.10.2023
Certificate Validity : 24.10.2025

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

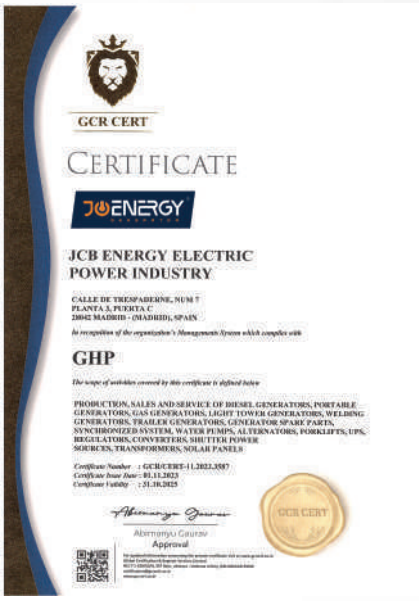
GDP

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 : GCR/CERT-11.2023.3586
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

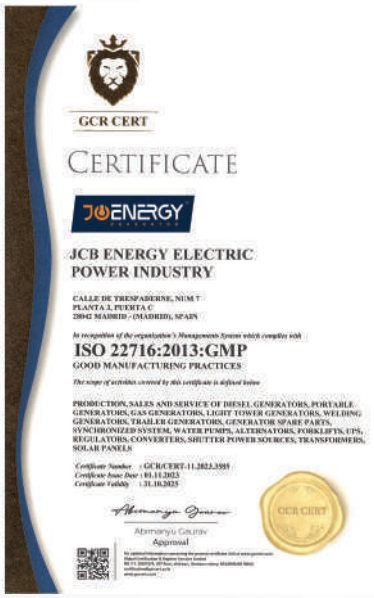
GHP

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 : GCR/CERT-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

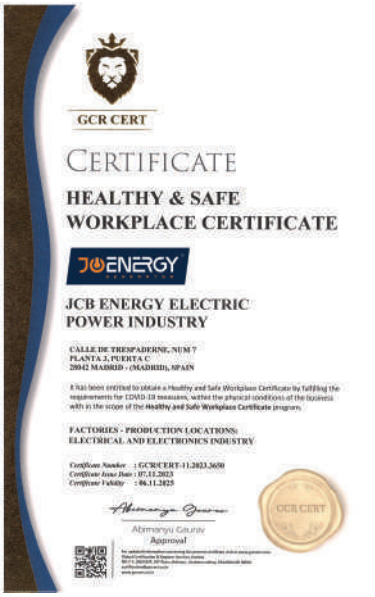
ISO 22716:2013:GMP
GOOD MANUFACTURING PRACTICES

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 : GCR/CERT-11.2023.3589
Certificate Issue Date : 01.11.2023
Certificate Validity : 31.10.2025

Abimanyu Gaurav
Approval


GCR CERT

CERTIFICATE

HEALTHY & SAFE WORKPLACE CERTIFICATE

JCB ENERGY ELECTRIC POWER INDUSTRY

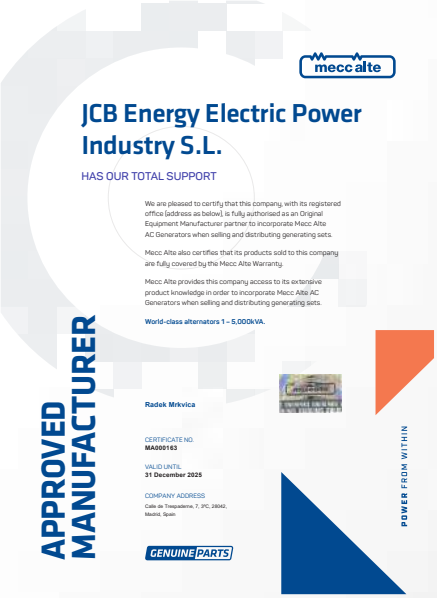
CALLE DE TRESPADERNE, NUM 7
PLANTA 3, PUERTA C
28042 MADRID - (MADRID), SPAIN

It has been entitled to obtain a Healthy and Safe Workplace Certificate by fulfilling 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 : GCR/CERT-11.2023.3650
Certificate Issue Date : 07.11.2023
Certificate Validity : 06.11.2025

Abimanyu Gaurav
Approval


mecc alte

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 authorised 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 – 5,000kVA.

APPROVED MANUFACTURER

Radek Mrkvica

CERTIFICATE NO.
MA000163

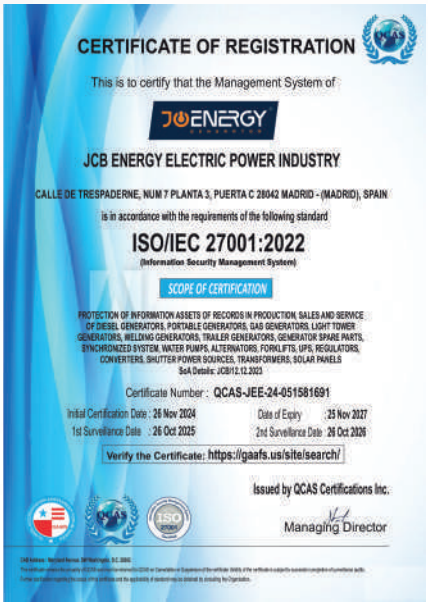
VALID UNTIL
31 December 2025

COMPANY ADDRESS
Calle de Trespaderne, 7, 3ºC, 28042, Madrid, Spain

GENUINE PARTS

POWER FROM WITHIN

CE -VERTA-106188
-VERTA-106189



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/12.12.2023

Certificate Number : QCAS-JEE-24-051581691

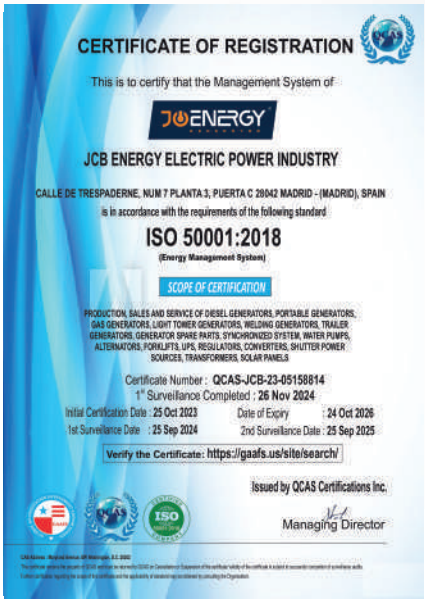
Initial Certification Date : 26 Nov 2024 Date of Expiry : 25 Nov 2027

1st Surveillance Date : 26 Oct 2025 2nd Surveillance Date : 26 Oct 2026

Verify the Certificate: https://gaafs.us/site/search/

Issued by QCAS Certifications Inc.

Managing Director



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

1st Surveillance Completed : 26 Nov 2024

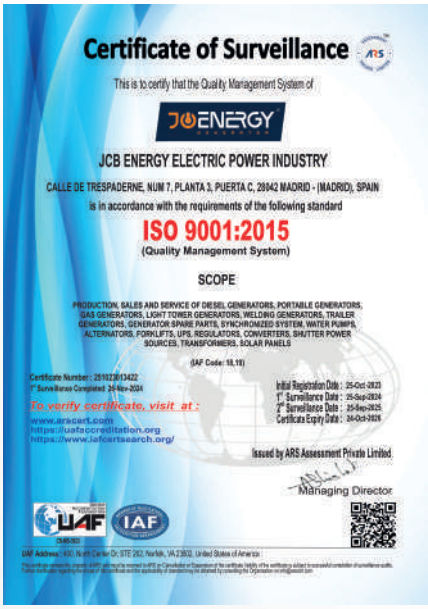
Initial Certification Date : 25 Oct 2023 Date of Expiry : 24 Oct 2026

1st Surveillance Date : 25 Sep 2024 2nd Surveillance Date : 25 Sep 2025

Verify the Certificate: https://gaafs.us/site/search/

Issued by QCAS Certifications Inc.

Managing Director



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 : 251022813422

1st Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023

1st Surveillance Date : 25-Sep-2024

2nd Surveillance Date : 25-Sep-2025

Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :

www.arscert.com

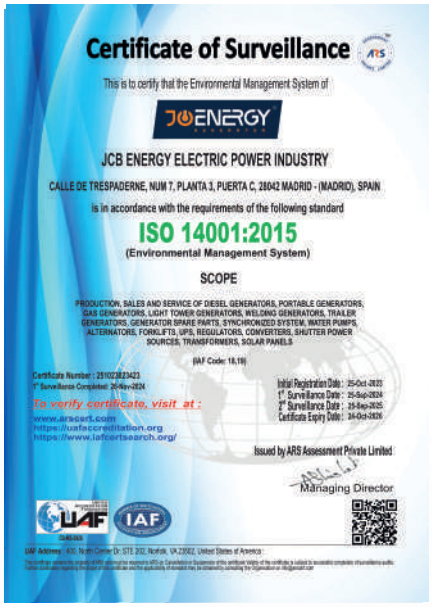
https://uafaccreditation.org

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



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 : 251022823423

1st Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023

1st Surveillance Date : 25-Sep-2024

2nd Surveillance Date : 25-Sep-2025

Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :

www.arscert.com

https://uafaccreditation.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

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 : 251022823424

1st Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023

1st Surveillance Date : 25-Sep-2024

2nd Surveillance Date : 25-Sep-2025

Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :

www.arscert.com

www.uafaccreditation.org

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

CE -VERTA-106188
-VERTA-106189

DNV

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:	Initial certification date:	Valid:
0312064	14 August 2007	14 October 2023 – 13 October 2026

This is to certify that the management system of

HD Hyundai Infracore Co., Ltd. Head Office & Incheon Plant

489, Injung-ro, Dong-gu, Incheon, 22502, Republic of Korea

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:

ISO 14001:2015

This certificate is valid for the following scope:

Design, Development, Manufacture, Servicing of Internal Combustion Engine for use in Marine Industry, General Industry and Automotive Industry, and Earth Moving Equipment(Excavator, Wheel Loader, Dozer).
Testing of Earth Moving Equipment(Excavator and Wheel Loader).

Place and date:
Barendrecht, 09 October 2023

For the issuing office:
DNV - Business Assurance
Zwolseweg 1, 2994 LB Barendrecht, Netherlands

Erie Koek
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT: DNV Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)10282080 www.dnv.com/assurance

DNV

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:	Initial certification date:	Valid:
0312065	03 January 2008 (based on OHSAS 18001)	14 October 2023 – 13 October 2026

This is to certify that the management system of

HD Hyundai Infracore Co., Ltd. Head Office & Incheon Plant

489, Injung-ro, Dong-gu, Incheon, 22502, Republic of Korea

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Occupational Health and Safety Management System standard:

ISO 45001:2018

This certificate is valid for the following scope:

Design, Development, Manufacture, Servicing of Internal Combustion Engine for use in Marine Industry, General Industry and Automotive Industry, and Earth Moving Equipment(Excavator, Wheel Loader, Dozer).
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Place and date:
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DNV - Business Assurance
Zwolseweg 1, 2994 LB Barendrecht, Netherlands

Erie Koek
Management Representative

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ACCREDITED UNIT: DNV Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)10282080 www.dnv.com/assurance

Cámara de Madrid
REGISTRO GENERAL
SALIDA
Nº de Registro: 845 / RG 645
Fecha: 26/07/2024 12:00:00

IRENE SANCHEZ ROMAN, MANAGER OF THE DEPARTMENT OF LEGAL ADVISORY SERVICES AND THE DATABASE OF THE OFFICIAL CHAMBER OF COMMERCE, INDUSTRY AND SERVICES OF MADRID, WITH REGISTERED OFFICE AT PLAZA DE LA INDEPENDENCIA 1, MADRID, SPAIN

CERTIFY: That, according to the background data on record at this Chamber and others produced by the Company:

JCB ENERGY ELECTRIC POWER INDUSTRY S.L., a Company with Tax I.D. Number B13975594, and its registered office at street Trespaderne no 7, 28042 Madrid is registered on 8 May 2024, under the heading of the 1st Section, companies, of the Economic Activities Tax Tariffs Number 342 to perform the following activity:

- Manufacture of electrical material for use and equipment

In witness whereof, for the appropriate purpose, I have issued and signed this Certificate, to which I affix the stamp of this Chamber, in Madrid on 26 July 2024.

Cámara de Madrid
REGISTRO GENERAL
SALIDA
Nº de Registro: 859 / RG 659
Fecha: 30/07/2024 12:07:28

IRENE SANCHEZ ROMAN, DIRECTORA DEL DEPARTAMENTO DE ASESORIA JURIDICA Y CENSO DE LA CÁMARA OFICIAL DE COMERCIO, INDUSTRIA Y SERVICIOS DE MADRID, CON DOMICILIO SOCIAL EN LA PLAZA DE LA INDEPENDENCIA Nº 1, MADRID – ESPAÑA

CERTIFICA: Que de los antecedentes que obran en esta Corporación y de otros exhibidos por la sociedad, resulta:

NUMERO - Que la compañía JCB ENERGY ELECTRIC POWER INDUSTRY S.L., es una sociedad mercantil de nacionalidad española, constituida mediante escritura pública de fecha 23 de junio de 2023, autorizada por don José María Marín Vázquez, Notario del Ilustre Colegio de Madrid con el número 1.251 de orden de su protocolo, e inscrita en el Registro Mercantil al Tomo 46.424, Folio 40, Hoja M-799.035, Inscripción 1ª.

SEGUNDO - Que según se desprende de la mencionada escritura de constitución, en el artículo 2 de los Estatutos de la compañía JCB ENERGY ELECTRIC POWER INDUSTRY S.L., consta que tiene por objeto social:

"Actividad principal 27.11. Fabricación de motores, generadores y transformadores eléctricos".

TERCERO - Que según se desprende de la escritura de constitución, el capital social de la compañía JCB ENERGY ELECTRIC POWER INDUSTRY S.L., se fija en la cantidad de 19.600,00 € (DIECINUEVE MIL NOVECIENTOS VEINTE EUROS), dividido en 19.920 participaciones sociales, de 1,00 € (UN EURO) de valor nominal cada una, numeradas correlativamente del 1 al 19.920 ambos inclusive, que son íntegramente asumidas y desembolsadas por el socio fundador.

CUARTO - Que según consta en la escritura de constitución citada en párrafos anteriores, la compañía JCB ENERGY ELECTRIC POWER INDUSTRY S.L., opta por el sistema de Administrador Único y nombra por tiempo indefinido a don Mohamed A M Elaalem, con Número de Identidad Extranjero Y6048327P, para que actúe en nombre y representación de la mercantil, con cuantas facultades legal y estatutariamente corresponden a dicho cargo, procediendo el administrador nombrado a la aceptación del mismo.

QUINTO - Que la compañía JCB ENERGY ELECTRIC POWER INDUSTRY S.L., con domicilio en calle Trespaderne número 7, 28042 Madrid y provista de Número de Identificación Fiscal B13975594, consta dada de alta en el grupo/epígrafe 342 de la Sección 1ª empresarial de las Tarifas del Impuesto sobre Actividades Económicas, que faculta para ejercer la actividad "Fabricación de material eléctrico de utilización y equipamiento".

Vertacert International

CE

CE DECLARATION OF CONFORMITY

JCB ENERGY ELECTRIC POWER INDUSTRY SL
C/ ALFREDO MARQUERIE, NUMERO 11, PUERTA A, PLANTA 7 MADRID 28034 MADRID

Description Of The Product : GENERATOS AND PUMPS

Product Brand/Model/Type : DIESEL GENERATORS, GAS GENERATORS, PORTABLE GENERATORS, LIGHT TOWERS, WATER PUMPS, FORKLIFT, UPS, REGULATORS, CONVERTERS, ALTERNATORS, WELDING GENERATORS, TRAILER GENERATORS, SHUTTER POWER SOURCES

Applicable Harmonised Standards : EN ISO 12100:2010,EN ISO 8528-12:2014,EN60204:2006+A1:2009,EN 60204-1:2018, EN ISO 14120:2015,EN ISO 13857:2019,EN ISO 8528-4:2005,EN 61000-6-2:2005

Applicable EC Directives : 2006/42/EC MACHINERY DIRECTIVE
: 2014/30/EU ELECTROMAGNETIC COMPABILITY DIRECTIVE

Type /Models : JCB SERIES, JCD SERIES, JCD SERIES, JCC SERIES, JNP SERIES, JGD SERIES, JNC SERIES, JPG SERIES, JPD SERIES, JLT SERIES, JBW SERIES, JEP SERIES, JHP SERIES, JFC SERIES, JFC SERIES, JCG SERIES, JNP SERIES.

Certificate Number : VERTA-106188
Certificate Issue Date : 04.02.2025
Certificate Validity Date : 04.02.2026
Certificate Period : 1 Year

INAS

www.vertacert.com - info@vertacert.com

Vertacert International

CE

CE DECLARATION OF CONFORMITY

JCB ENERGY ELECTRIC POWER INDUSTRY SL
C/ ALFREDO MARQUERIE, NUMERO 11, PUERTA A, PLANTA 7 MADRID 28034 MADRID

Description Of The Product : POWER GENERATORS
Ürünün Tanımı : GÜÇ JENERATÖRLERİ

Applicable Harmonised Standards : TSE E 195, TS ISO 8528-8, TS EN ISO 3744:2008
Geçerli Uyumlaştırılmış Standartlar

Applicable EC Directives : MDMD REGULATION AND MDDR DIRECTIVE (2005/32/EC, MDMD DIRECTIVE (2006/14/EC)
Geçerli AT Direktifleri : GÜRÜLTÜ YÖNETMELİĞİ VE GÜRÜLTÜ DIRECTIVE (2005/88/EC, GÜRÜLTÜ DIRECTIVE (2000/14/AT)

Sertifika Numarası / Certificate Number : VERTA-106189
İlk Yayın Tarihi / Certificate Issue Date : 04.02.2025
Sertifika Geçerlilik Tarihi / Certificate Validity Date : 04.02.2026
Sertifika Periyodu / Certificate Period : 1 YEAR / 1 Year

INAS

www.vertacert.com - info@vertacert.com

CE -VERTA-106188
-VERTA-106189

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CE -VERTA-106188
-VERTA-106189