



INDUSTRY & FACILITIES

TYPE APPROVAL CERTIFICATE n° 30-X52-1-1171817-1001-4*Certificat d'approbation de type***1. General:**

- Name and address of the factory:

HIMOINSA,CENTRAL

Carretera Murcia – San Javier, Km. 23,6. 30730 SAN JAVIER (Murcia) – SPAIN

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Web: www.himoinsa.com – E-mail: info@himoinsa.com

- Type(s) of product and component manufactured:

The ranges of diesel generators are certified: HDW, HSW / HRSW, HHW, HMW / HRMW, HLW, HLA, HZA, HTW, HYW / HRYM and HFW / HRFW, the difference lies in the engine manufacturer (see table 1), within each range the types are classified according to the: type of refrigeration fluid (air or water), phases (monophase, three-phase), the frequency (50-60 HZ) and the constructive version (open skid, soundproof, soundproof container).

Each type is composed of several models where only the power varies:

Product range: Generating sets

Type Refrigeration: Water / air

Fuel Type: Gas-oil

Table 1

GAMA	MOTOR	RANGE	POWER RANGE	PHASES	FREQUENCY
HDW	DOOSAN	INDUSTRIAL	118-863 KVA	Trifásico	50 60
HSW/HRSW	SCANIA	INDUSTRIAL	250-735 KVA	Trifásico	50 60
HHW	HIMOINSA	INDUSTRIAL	20-192 KVA	Trifásico	50 60
				Monofásico	50 60
HMW/HRMW	MTU	INDUSTRIAL	450-702 KVA	Trifásico	50 60
		HEAVY	745-3495 KVA	Trifásico	50 60
HLW1	LOMBARDINI	INDUSTRIAL	13-21 KVA	Trifásico	50
				Monofásico	50
HLA	LOMBARDINI	INDUSTRIAL	13-18,70 KVA	Trifásico	50 60
				Monofásico	50 60
HZA	HATZ	INDUSTRIAL	13-42 KVA	Trifásico	50 60
				Monofásico	50 60
HTW	MITSUBISHI	HEAVY	670-2403 KVA	Trifásico	50 60
HYW/HRYW	YANMAR	INDUSTRIAL	20-50 KVA	Trifásico	50 60
HFW	IVECO	INDUSTRIAL	28-424 KVA	Trifásico	50 60
HRFW	IVECO	RENTAL	60-599 KVA	Trifásico	50 60



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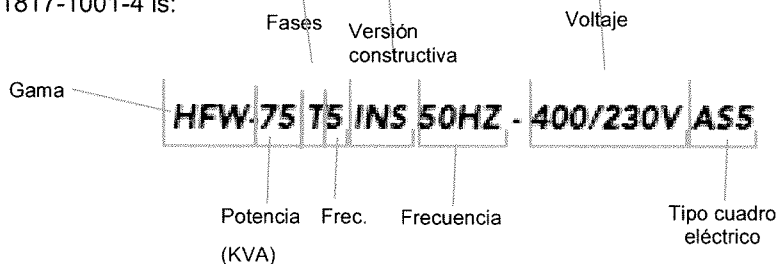
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- Type Tests witnessed on 03/05/2018 by Catalina Murcia Chica (Inspector ECA-BUREAU VERITAS).

2. Type description:

- Manufacturer designation,

The way to designate these ranges of generators included in this approval certificate of type No. 30-X52-1-1171817-1001-4 is:



- Drawing and specification numbers, Drawings contributed (views and dimensions):

RANGE	MODEL	CODE	REV.
HDW	OPEN SKID	GEE-00053-K9	01
		GEE-00057-K19	01
		GEE-00090-K6	Approved 06/05/2011
	SOUNDPROOF	GI-00043-H1	03
		GI-00082-E10	02
		GI-00141-H1	Approved 09/11/2011
HHW	OPEN SKID	HHW-20 T5 STD PA2 R01	01
		HHW-20 T5 STD S125 R01	01
		HHW-35 T5 STD CPM250 R01	01
		HHW-35 T5 STD PA2 R01	01
		HHW-40 T5 STD CPM250 R01	01
		HHW-40 T5 STD PA2 R01	01
		HHW-50 T5 STD CPM250 R02	02
		HHW-50 T5 STD PA2 R02	02
		HHW-65 T5 STD CPM250 R02	02
		HHW-65 T5 STD PA2 R02	02
		HHW-75 T5 STD CPM250 R01	01
		HHW-75 T5 STD PA2 R01	01
		HHW-95 T5 STD CPM250 R01	01
		HHW-95 T5 STD PA2 R01	01
		HHW-20 35 T5 INS R01	01
		HHW-40 T5 INS R01	01
		HHW-50 65 T5 INS R01	01
		HHW-75 95 T5 INS R01	01
	SOUNDPROOF	HHW-20 35 T5 INS R01	01
		HHW-40 T5 INS R01	01



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RANGE	MODEL	CODE	REV.
		HHW-50 65 T5 INS R01	01
		HHW-75 95 T5 INS R01	01
HMW	OPEN SKID	GEE-00040-K14	03
		GEE-0080-K33	03
	SOUNDPROOF	GI-00133-J	03
		GI-00134-G1	02
		GI-00141-H1	05
HTW	OPEN SKID	GEE-00060-K22	01
		GEE-00096-K39	02
	SOUNDPROOF	GI-00178-J	03
HYW	OPEN SKID	GEE-00191-K3	01
		GEE-00202-K3	02
		GEE-00015-K3	05
		GEE-B00015-K3	05
		GEE-00013-K3	04
		GEE-B00013-K3	Approved 06/09/2013
	SOUNDPROOF	GI-00004-A10	06
		GI-00048-A10	04
		GI-00122-A10	02
		GI-00123-A10	03

- Codes, standards, project specifications, procedures references,

1. Directive **2006/42 / EC** on machinery.

2. Directive **2004/108 / EC** on electromagnetic compatibility.

3. Directive **97/68 / EC** on the emission of gases.

4. Directive **2000/14 / EC** on noise emissions.

5. Harmonized standards:

- **EN ISO 8528-13:2017** "Generating sets powered by alternative internal combustion engines. Security".

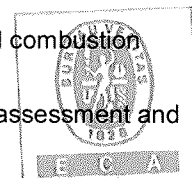
- **ISO 8528** "Alternating current generators powered by alternative internal combustion engines".

- **EN ISO 12100** "Safety of machines. General principles for design. Risk assessment and risk reduction".

- **EN ISO 13857** "Safety of machines. Safety distances to prevent dangerous areas from reaching the upper and lower limbs. "

- **EN 60204** "Safety of electrical equipment in machinery".

- List of Documents Control of the management system of the manufacturer, Rev.2 01/2010 updated on 20/11/2018.





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3. Conclusion:

After examination of the following documents:

- Design verification report n° **30-X52-1-1171817-1001-2** dated **25/02/2019**
- Test reports for type approval n° **30-X52-1-1171817-1001-3** dated **25/02/2019**.

The undersigned, Inspector to Bureau Veritas, certifies that the above type meets the applicable requirements of the harmonized standards referred in the point 5 of chap. 2 (above).

This approval remains valid as long as no significant changes are made to the facility, its production rate and its quality system. These conditions will be assessed during each inspection of series.

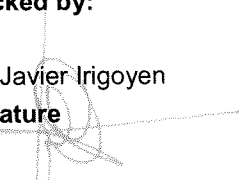
This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BUREAU VERITAS procedure GM SI 210 Rev.01.

Attachments:

This Certificate "TYPE APPROVAL CERTIFICATE n° 30-X52-1-1171817-1001-4" is an integral and inseparable part of the certification process managed by BV according to its procedure GM SI 210 Rev.01, of which the following documents are also part:

- FACTORY AUDIT REPORT n° 30-X52-1-1171817-1001-0001 rev.1
- DESIGN VERIFICATION REPORT n° 30-X52-1-1171817-1001-0002
- TEST REPORTS FOR TYPE APPROVAL n° 30-X52-1-1171817-1001-0003
- FACTORY APPROVAL CERTIFICATE n° 30-X52-1-1171817-1001-0005

This type approval certificate No. 30-X52-1-1171817-1001-0004 is **valid until 25/02/2022** and as long as no significant changes are made to the installation, its production rate and its quality system. These conditions will be evaluated in each series inspection generating the INSPECTION REPORT FOR A BATCH OR SERIES report.

Inspected by:	Checked by:
Name: Catalina Murcia	Name: Javier Irigoyen
Signature 	Signature 
Date of issue / Fecha de emisión: 25/02/2019	
Inspection centre / Oficina: ECA Grupo Bureau Veritas Murcia	
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