

Spain - May 1974

Locomotive builder abbreviations

AHV	= Altos Hornos de Vizcaya SA, Bilbao, Spain.
BW	= Sociedad Española de Construcciones Babcock & Wilcox SA., Bilbao, Spain.
CEM	= Compagnie Electro-Mécanique, Le Havre, France.
HStP	= Société Anonyme des Forges, Usines et Fonderies, Haine St.Pierre, Belgium.
MDA	= Motores Diesel Atos SA, Barcelona, Spain.
MTM	= La Maquinista Terrestre y Marítima SA, Barcelona, Spain.
SECN	= Sociedad Española de Construcción Naval SA, Bilbao, Spain.
THT	= Talleres de Hulleras de Turón, Spain.
m	= builders details found on the motion.
b	= builders details found on the boiler.

Locomotive information written in *italics* is from other sources (previous visits, other visitors, etc.), and was not obtained during these visits.

5/5/1974

Ferrocarriles and Transportes Suburbanos de Bilbao SA (FTS), Lezamo, near Bilbao

This railway is now electrified, and the loco below has been dumped for the last 15 years.

1000mm

4	4-4-0T	Krauss	6806	<i>1908</i>	Der
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6/5/1974

Altos Hornos de Vizcaya SA (AHV), Sestao Works, Bilbao

There are now about 30 steam locos, of which about 7 are still used.

1672mm

108	4wD	
No.111	4wD	
	4wD	OK

1000mm

No.16	0-4-0WT	<i>KS</i>	IS
No.20	0-4-0WT	<i>Borsig</i>	OOU
20	0-4-0D	OK	OOU
No.21	0-4-0WT	<i>Borsig</i>	OOU
No.22	0-4-0WT	<i>Borsig</i>	OOU
No.23	0-4-0WT	<i>Borsig</i>	OOU
No.24	0-4-0WT	<i>AHV</i>	OOU
No.36	0-4-0WT	<i>Hen</i>	IS
No.43	0-4-0WT	<i>AHV</i>	OOU
No.46	0-4-0WT	<i>AHV</i>	OOU
No.47	0-4-0WT	<i>AHV</i>	OOU
No.48	0-4-0WT	<i>AHV</i>	OOU

No.49	0-4-0WT	AHV			OOU
No.51	0-4-0WT	AHV			OOU
No.52	0-4-0WT	AHV			Pvd
No.57	0-4-0WT	AHV			OOU
	0-4-0WT				OOU
	0-4-0WT				Dsm
	0-4-0WT				IS
	0-4-0WT				IS
No.1	4wD				
2	0-6-0D	MTM	83	1963	OOU
4	4wD				
No.5	0-6-0D	MTM	85	1963	OOU
No.7	4wD				
8	0-4-0D	OK	25927		OOU
10	0-4-0D	OK	25929		OOU
11	0-4-0D	OK			OOU
No.13?	4wD	OK			Dsm
No.13	4wD				
14	4wD	OK			Dsm
No.14	4wD				
18	0-4-0D	OK			OOU
No.18	4wD				

AHV, Baracaldo Works, Bilbao

1672mm

No.104	0-4-0WT	Borsig			IS
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1000mm

No.42	0-4-0WT	AHV			OOU
No.44	0-4-0WT	AHV			OOU
No.53	0-4-0WT	AHV			IS

AHV, Golinda Works, Bilbao

1000mm

No.2	4wD				
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Juan Calzada, scrapyard, Retuerto, near Bilbao

1000mm

17	0-4-0ST	SS	3031	1881	Pvd (a)
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(a) ex AHV, Basconia Steelworks.

AHV, Planta de Laminacion de Ansio

1672mm

No.103	0-4-0WT	Maffei	4279	1926	Pvd
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FC de Santander a Bilbao, loco depot, Abondo

One of these locos is stored for a preservation group.

1000mm

6	GUIPUZCOA	0-6-0T	St.Leonard	920	1892	Pvd
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ARTOLA	0-4-0T	Couillet	1002	1890	OOU
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Babcock & Wilcox, Golindo

The work here is now done by the diesel and 5 4-wheel steam cranes.

1672mm

No.2	0-4-0WT	Maffei	4195	1925	IS
	4wD	Deutz	57826		

The following locos were under construction here during our visit, under licence from General Electric (US).

1672mm

ENSIDES-VERINDA 15	Bo-BoDE	BW	1110	1974
ENSIDES D-39	Bo-BoDE	BW	D-39	1974
ENSIDES D-40	Bo-BoDE	BW	D-40	1974
ENSIDES D-41	Bo-BoDE	BW	D-41	1974

SA Franco-Belge, Espanola de Minas de Somorrostro, Ortuella

This is at the top end of the line, and appears to be closed, although there were signs of recent slight activity by a couple of the locos.

1000mm

2	4wD	Gmd/MSM	721
3	4wD	Gmd/MSM	722
4	4wD	Gmd/MSM	660
5	4wD	Gmd/MSM	697
6	4wD	Gmd/MSM	727
	0-4-0D	Ruhr	3005
	4wBE	Vetra	

7/5/1974

Nueva Montaña Quijano SA, Nueva Montaña, Santander

1000mm

NUEVA MONTANA II	4wD	Diema
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CAMPSA, Santander

1672mm

0-4-0D

Real Compañía Asturiana de Minas, Reocin

1000mm

0-4-0D	OK	25631?	1956
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8/5/1974

Solvay & Cie., Lieres

1000mm

No.2	0-6-0T	Hen	9475	1909	IS
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600mm

No.1	4wDM	RH	200490	
	4wDM	RH	266557	

Junta de Obras y Servicios del Puerto de Gijón-Musel (JOP), Aboño, Gijón

1672mm

No.3	0-8-0T	Maffei	5624	1925	
No.7	0-4-0WT	BW	370	1929	OOU
No.8	0-6-0T	BW	408	1930	
No.10	0-6-0T	BW	575	1944	
No.12	0-8-0T	BW	724	1957	
No.13	0-8-0T	BW	726	1957	IS
No.2	0-8-0D	BW	1034	1970	

FC Langreo, Aboño

1435mm

No.30	0-6-0PT	HStP	1057	1910	IS
No.31	0-6-0PT	HStP	1235	1914	
300	0-6-0D	S	10138		

Talleres Alegria SA, Aboño

750mm

	0-4-0WT	OK	6545		OOU (a)
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(a) property of FC Langreo?

There is also a portable steam engine (Robey 38249/?) stored here.

Cementos Tudela-Veguín SA, Aboño

1672mm

	4wD	Schöma		
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JOP, Puerto del Musel

1672mm

No.9	0-6-0T	BW	574	1944	IS
No.11	0-6-0T	BW	725	1957	IS
No.1	0-8-0D	BW			

1435mm

(14)	0-6-0T	Schw	2045	1880	Der
15	0-6-0T	Hohen	291	1883	
No.16	0-6-0T	Hohen	292	1883	OOU
102	0-4-0T	VIW	2848	1918	OOU

Constructora Internacional SA (?), Musel, Gijón

1000mm

	0-6-0WT	Hen	20605	1934	OOU
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Sociedad de Formento de Gijón, Gijón

This company once shipped coal coming via the FC Langreo, but when that ceased they became ship-breakers. The loco is now dumped inside a building.

1435mm

No.1	0-4-0WT	Maffei	4287	1927	OOU
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Real Compañía Asturiana de Minas de Arnao, Minas de Arnao, Salinas

This coal mine was closed by flooding in 1916. It is now being turned into a small museum.

800mm

ELEONORE	0-4-0T	Couillet	469	1880	Pvd
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9/5/1974

Empresa Nacional Hulleras del Norte SA (HUNOSA), Hulleras de Turón

The 1672mm and 1000mm gauge systems are still in use, but the 600mm has been closed and lifted.

1672mm

No.101	SESTAO	2-4-0T	SS	3469	1888	IS
No.103	BILBAO	2-4-0T	THT		1921	
110		2-4-0T	THT	110	1928	OOU
120		0-6-0T	THT		1931	IS
030.0232		0-6-0	MTM	5	1887	OOU (a)

(a) ex RENFE, 033.0232.

1000mm

21	NALON	0-6-0T	HE	783	1902	OOU
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600mm

TURÓN	3	0-4-0T	Jung	2191	1914	Pvd
13		0-6-0T	THT		1933	OOU
No.15		0-6-0T	AHV		1942	OOU
No.17		0-6-0T	AHV		1942	OOU
No.31	R.MORENO	0-4-0T	SMDF			OOU
No.35	ADARO	0-4-0T	SMDF			OOU
No.38		0-4-0T	SMDF		1954	OOU
11		0-6-0T	Porter	5745	1913	Der
16		0-6-0T	AHV		1942	Der
18		0-6-0T	AHV		1948	Der
(19)		0-6-0T	THT		1959	Dsm

HUNOSA, Minas de Aller, Ujo

1672mm

030-2441		0-6-0	Hart	1181	1881	IS
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600mm

8		0-6-0T	VIW	2786	1918	OOU
9		0-6-0T	Alco	58657	1918	OOU

11	0-6-0T	KS	787	1902	OOU
12	0-6-0T	KS	788	1902	OOU
No.4	4wD	Deutz	57845	1965	Rep
30	4wD	Deutz			OOU
37	4wD	Deutz	56690		OOU
39	4wD	Deutz			OOU
	4wD	Deutz	55320		OOU
	4wD	Deutz	58103	1966	Rep
	4wD	Deutz?			
	0-4-0DM				

HUNOSA, Minas Pozo San Antonio, Moreda

600mm

(D)	0-4-0WT	Maffei	3946	1920	Pvd
No.3	4wD	Deutz			
20	4wD	Deutz	57084		
	4wD	Deutz	56662		

HUNOSA, Mantenimiento Central, Parque de Maquinaria, Mieres

600mm

UPINA	0-4-0WT	OK			Pvd
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HUNOSA, Washery, Minas de Mieres

1672mm

030-2431	0-6-0	Hart		1881	OOU
No.304 BILBAO	0-4-0T	SS	2787	1878	
RIOSAS	0-6-0T	HStP	1432	1924	IS
No.15.222	4wD	CEM	15.222		

1000mm

8	2-8-2T	BW	727	1956	OOU
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750mm

No.111 SANTA BARBARA	0-6-0T	Jung	1134	1907	OOU
No.38?	4wD	MDA			
	4wD	Deutz	57940		

Empresa Nacional Siderurgica SA (ENSIDESA), Fabrica de Mieres

Works being demolished, with only the coke ovens to remain.

1672mm

No.301 ERNESTO GUILHOU

	0-4-0T	HStP	857	1908	IS
No.303	0-4-0T	Mieres		1940	OOU
No.305	0-6-0T	Dübs	2742	1891	OOU
No.306	0-6-0T	Dübs	2743	1891	OOU
No.307	0-6-0T	Dübs	2744	1891	OOU
No.308	0-6-0T	Dübs	2745	1891	
030.2425 (ARMAÑA)	0-6-0	Hart	1106	1881	Dsm
030.2448 ECHEGARAY	0-6-0	Essl	1900	1883	OOU

	4wD	CEM			
1435mm (coke ovens)					
	4wE	Schalke	13313?	1932	
750mm					
No.102	0-4-0T	<i>St.Leonard</i>			(a)

(a) spare loco at the coke ovens - the track here is 3-rail mixed gauge.

Escuela de Ingenieria Tecnica Mineria, Mieres

Technical school, mining section. The loco is in the yard at the rear of the building.

600mm					
5	0-6-0PT	Corpet	542	1941	Pvd (a)

(a) ex Minas de Aller. The loco is built to the Brown indirect drive system.

HUNOSA, Minas Santa Barbara, Moreda

Mine closed

600mm					
1	0-4-0ST	VIW			OOU
2	0-6-0ST	VIW			Der

HUNOSA, Minas de Riosa, La Foz

600mm

No.4 FIGAREDO	0-4-0WT	Krauss M	6926	1914	Pvd
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HUNOSA, Hulleras de Vequin y Olleniego

Mine closed.

1672mm					
040-2151	0-8-0	<i>Hart</i>	1068	1879	OOU
600mm					
	4wD				OOU

10/5/1974

Cementos Tudela-Veguín SA, Tudela-Veguín

1672mm

03 J.MASAVEU	0-4-0ST	N	1777	1873	Pvd
	4wD	Schöma	1450	1953	

ENSIDESA, Fabrica La Felguera

650mm system removed.

1672mm					
No.1	0-4-0T	MTM	11	1895	Rep
No.2	0-4-0T	<i>SMDF</i>	1		
24	0-4-0T	<i>(Hano</i>	9259	1921?)	IS

40	0-4-0D	OK	25644	1956	Rep
41	0-4-0DH	Jung			OOU
No.42	0-4-0DH	SECN		1965	
No.43	0-4-0DH	SECN			
	4wE *				

* coke ovens loco.

HUNOSA, Carbones de la Nueva, Samuno

650mm

1	GUILLERMO SALA	0-4-0WT	Krauss	6169	1909	OOU
4		0-4-0WT	Krauss M	6128	1909	IS
		0-4-0WT	OK			Pvd
2		4wD	RH			
No.20		0-4-0D	HC			
		0-4-0D	HC			
		4wDM	HU	4051	1958	
		4wDM	OK			OOU
3	42	4wE				
4		4wE	SSW	2233		

HUNOSA, Minas de Santa Anna

Santa Ana Workshops & Loco Shed, El Entrego

1672mm

030-2413	0-6-0	<i>Essl</i>	1826	1881	Rep
030-2430	0-6-0	<i>Hart</i>	1111	1881	OOU

Also the tenders of 030-2074 & 030-2433.

650mm

		0-4-0T	Hen	20780	1927	Rep
No.22	ANTONIO					
	VELAZQUEZ	0-4-0WT	<i>Borsig</i>	5372	1904	OOU
No.25	MARQUES DE					
	URQUIJO	0-4-0WT	Borsig	7391	1909	OOU
No.28	MARQUES					
	DE CUBAS	0-4-0WT	Borsig	8979	1914	IS
		0-4-0T	<i>VIW</i>	2624	1917	Pvd
		0-4-0WT				Der
		0-4-0D	OK	25963	1960	
No.57		4wDM				

Hulleras del Entrego (Carrocera Washery)

1672mm

030-2418	0-6-0	<i>Essl</i>	1831	1881	IS
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650mm

No.26	PILAR	0-4-0WT	Borsig	8505	1912	IS
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No.27	MARQUES DE					
	BOLARQUE	0-4-0WT	Borsig	8978	1914	IS
No.1		0-4-0DM	OK	25964		

Mine east of the town

650mm

4wDM	RH?
4wDM	RH?
4wBE	

FC Langreo, at Minas de Santa Anna Washery

1435mm

No.45		0-6-0T	BW	231	1928	IS
46		0-6-0T	BW	232	1928	

Cementos Fradera SA, Pola de Laviana

The system was closed several years ago, but the loco is dumped in an old shed at Puente del Arco.

650mm

1	LAVIANA	0-4-0T	LHW	1909	1920	OOU
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