

LOADING AND TRANSPORTATION



Loading can be made directly from the hoppers or by wheel loading shovels.

ARIPISA owns a fleet of transport with **13** trailer trucks, with box of iron some of them and box of aluminium another, and **40** metric tons gross capacity. We have transporting license and all the vehicles have national transporting permission.

In addition, we works with several transportation companies and have available more than **35** trucks.

The outgoing material per day has managed to more than **8000 Tm**.

CONTROL OF DEPARTURE

The shipment of material is made through **two electronic weighing machines** of 60,000 kg weight max. with metallic platform of 16 x 3 m.

Both machines pass a periodic verification every two years made by the company **VERIFICACIONES INDUSTRIALES DE ANDALUCÍA S.A. -VEIASA-** (Industrial Verifications of Andalusia), a public company of the Government of Andalusia, to obtain the **VERIFICATION CERTIFICATE**.

COMPUTER PROGRAM

The computer program, that has been settled to issue delivery notes, does not allow the preparation of a delivery note if the load of the lorry exceeds the authorized maximum weight related to his registers (whose tare previously has been done).

Both weighing machines give the direct readout to the computer and if the weight that marks in the ticket is varied gives an error and it is reflected in the computer of the central office.

The computer program stores the data of each delivery note, with a frontal photography of the truck where can be seen plates and another one of the top part where the load is seen and with the data printed in both images. These data printed are:

- Loader company: ARIPIISA
- Date and time of departure (of the delivery note)
- Gross weight
- Plate
- Customer
- Number of delivery note
- Material loaded (must agree with the image)

The screenshot shows a software window titled 'InduCentras 4.0.2' with a sub-window 'Selección de Cámaras y Criterios'. It features a table with columns for 'Cámaras', 'Fecha', 'Hora', 'Peso', 'Eje', 'Albano', 'Materia', and 'Producto'. Below the table, there are fields for 'Cámaras', 'Fecha', and 'Hora'. On the right side, there are two camera feeds: 'Datos y Fotos' showing a truck's front and a top-down view of the load.

Cámaras	Fecha	Hora	Peso	Eje	Albano	Materia	Producto
Apesol	30/05/2005	17:30	42.600	12.800	13.900	E368475C	AF-T-02-C
Apesol	30/05/2005	17:32	39.880	14.300	15.280	E368475C	AF-T-02-C
Apesol	30/05/2005	17:35	39.300	15.000	14.300	E368475C	AF-T-02-C
Apesol	30/05/2005	17:38	0	0	0		
Apesol	30/05/2005	17:40	0	0	0		
Apesol	30/05/2005	17:42	0	0	0		
Apesol	30/05/2005	17:52	0	0	0		
Apesol	30/05/2005	18:02	42.940	12.800	15.640	E368475C	AF-T-02-C
Apesol	30/05/2005	18:02	0	0	0		
Apesol	30/05/2005	18:12	0	0	0		
Apesol	30/05/2005	18:12	41.000	12.500	15.600	E368475C	AF-T-02-C
Apesol	30/05/2005	18:16	40.300	12.800	14.700	E368475C	AF-T-02-C
Apesol	30/05/2005	18:19	39.700	12.800	14.100	E368475C	AF-T-02-C
Apesol	30/05/2005	18:22	0	0	0		
Apesol	30/05/2005	18:23	39.500	11.800	14.700	E368475C	AF-T-02-C
Apesol	30/05/2005	18:28	40.100	14.400	15.300	E368475C	AF-T-02-C
Apesol	30/05/2005	18:30	39.800	13.800	15.200	E368475C	AF-T-02-C
Apesol	30/05/2005	18:36	39.540	12.940	15.600	E368475C	AF-T-02-C
Apesol	30/05/2005	18:39	0	0	0		

ARIPIISA

SYSTEM OF CAMERAS

The screenshot shows the 'Indugate' software interface. At the top, it displays 'InduCentras 3.49' and a weight of '40.040 kg'. Below this, there's a section for 'ARIPISA' with a camera feed showing a truck. To the right of the camera feed, there are four camera icons labeled '1', '2', '3', and '4'. Below the camera feed, there are fields for 'Albarán: E0385984', 'Cliente: VIVIENDAS IDEALES S.L.', 'Matricula: 1331DFK', and 'Transportista: ARIDOS EL PINAR, S.A.'. At the bottom, there are fields for 'Peso: 40040' and 'Producto: AF-02-C'.

This system of cameras allows to see the expedition of vehicles from the offices or any point with internet in real time, the weight and the material can be seen with camera number 2 or even the entrance to the quarry with camera 3.