

*Automazione-Misure-Radiazioni-Termotecnica-Pesatura-Regolazioni-Energie Rinnovabili
Sicurezza -Eolico- Service - Commercializzazione- Manutenzioni*

Main activities for Ilva Taranto

On pre-existing systems:

PHILIPS :

- Substitution and modernization of load cells and weighing systems of mineral fluxes and ferroalloys (converters ,1,2,3 Steel plant/1);
- Installation of slabs weighing systems hot rolling mill/2;
- Revision and maintenance of platform balances for machines charging coke battery;
- Maintenance and modification of tank weighing systems of the furnaces 1,2,3, of the lime furnace of works plants/1-2;

SIEMENS :

- Installation of weighing systems on desulphurization iron system steel works /1 ;
- Installation of weighing systems on desulphurization iron system steel works /2;
- Installation of ingots weighing system on Slabs system/2;
- Installation of weighing systems and charging system on RH /OB steel works/2 ;
- Installation of weighing systems and charging system steel works CAB /1;
- Supervision and substitution of charging cells, platform restoration and binaries to the two balances for the iron steel works /2 ;
- Installation and operating the software management system and pouring cast iron and data transmission to the calculator to the two weighing systems of steel works/2 ;
- Rework and installation of system for fire revealing c/o desulphurization system /steel works 1
- Installation and operating of intelligent terminals for managing the tank filling treatment H20.
- Supply of all Tv.cc system for mounting activity of n.4 casting fields.

KUTTNER :

- Supervision, installation and maintenance of weighing systems type mineral fluxes and ferroalloys and logic weighing systems and charging SIMATIC P e SIMATIC N systems of converters LD 1,2,3 di Steel works/2 (year 1972);
- Supervision, installation and operating of charging silo alloy systems 24/h and ferroalloys of Steel works/2 (year 1973) with systems with a prewired logic system SIMATIC P - SIMATIC N;
- Revamping supervision for dynamic and sub-lance and maintenance of mineral fluxes and ferroalloys weighing systems, logic and charging weighing with PLC Siemens of converters LD 1,2,3 of Steel works/2;

METALLURGY :

- Installation and starting of weighing on charging cranes , casting and pit of Steel works/2 system (year 1973);

SAET :

- Revamping of weighing hopper systems stock house , continuous balance and weighing on the top .blast furnace 1;
- Revamping Weighing belt systems , continuous balance and Pesatura bocca.....blast furnace 3;
- Revamping of weighing hopper systems stock house , continuous balance and Pesatura bocca.....blast furnace 4,
- Revamping of weighing hopper systems mineral fluxes and ferroalloys /converters /1-2-3 of Steel plant/1;
- Installation and operating of weighing level of steel in Tundish, continuous casting 2,3;

SCHENCK :

- Mechanic maintenance, charging cells substitution, improving and operating of the new Scrap weighing system 1,2,3 of Steel works/1;
- Installation and starting of the new weighing system on crane hot rolling mill/2;
- Mechanic revision, substitution charging cells, improving and starting of the new Scrap weighing system 1,2,3,4 steel works/2;
- Revision and instrumentation substitution for dispenser type OMO/2;
- Revamping and modernization balances on belt zone PRF;
- Supervision on platform substitution works, charging cells and apparatus on balance cast iron 7 Steel works/1;
- Revamping of weighing hopper systems stock house , continuous balance and weighing the top...blast furnace 5;
- Installation and starting of detection system and speed control system, vibration and axial deviation Turbine blast furnace 5;
- Installation and starting of vibrations control system – Schenck on engines and ventilators blast furnace 5/Ilva/Ta;

ANSALDO :

- Installation and starting of regulation system level of steel in Tundish and casting mold continuous castings/ 1-2-3;
- Installation and starting of regulation system level of steel in Tundish and casting mold continuous castings/ 4-5;
- Installation and starting of regulation system level of steel in Tundish and casting mold continuous castings/ 1,4,5

ORSI AUTOMAZIONE :

- Installation of monitoring systems for circular coolers conglomerate line D and E ;
- Installation of monitoring systems and mills and automation weighing systems and dosage fossil preparation;
- Crane slag automation blast furnace/3 ;
- Installation of detection systems and stress monitoring on port quay dischargers (III e V projected sea);

BURONI :

- Modification of weighbridges of reception with substitution of mechanic dosage system with electronic apparatuses type single cell;
- Installation, starting and testing of weighbridges in control balance zone hot rolling mill/2;

KAY.RAY

- Installation and starting of two systems type neutron sensors for humidity detection in coke blast furnace/5;

REGULATOR

- Installation and starting of two gas detection systems of carbon powder system for blast furnace powering 4;

INTEL :

- Improving and managing of information system cranes cool rolling mill;
- Supply and starting of all cabinets and of the 45 locations for via intercom communication;

ENDRESS & HAUSER :

- Installation, starting and maintenance of ultrasound detection systems and scanning of charging silos of weighing systems mineral fluxes and ferroalloys of steel plant/2;
- Installation, starting and maintenance of ultrasound detection systems of fossil towers fossil preparation;

NATIONAL INSTRUMENTS

Quay dischargers

- Supply and starting of 4 systems able to detect with “strain gauge” sensors the mechanical structures to program and predict the maintenance blast furnace 1

-Supply and starting of a "melting pot" detection system with n.150 thermocouples able to detect and analyze the thickness during the time.

ILVA PIOMBINO

BURONI :

- Modification and automation of the fiscal rail balances with mechanic revision of the linkage, substitution of the mechanic weighing system and installation of the single cell electrical systems starting and testing.

KAY.RAY

- Installation and starting of two systems type neutron probes for humidity detection in coke blast furnace4;

TIMAC - HYDRO AGRI – BARLETTA (BA)

SCHENCK:

- Installation and starting of weighing systems of 6 dispensers ;
- Installation and starting of two weighing systems on transportation belt;

CENTRALE ENEL DI CERANO (BR)

SCHENCK:

- Installation and starting of 4 weighing systems on transportation belt;

CEMENTIR – TARANTO

ORSI AUTOMAZIONE:

- Plant responsible and supervisor for the automation of transportation and weighing system of the raw materials;
- Plant responsible and supervisor for mill automation carbon powder;

SAET :

- Installation and starting of 3 weighing systems on belt;

SCHENCK/GOMBA/BURONI :

- Mechanic revision and calibration of weighbridges plant;

UNICEM – CEMENTERIA DI BARLETTA (BA)

SCHENCK:

-Starting interventions and calibration of dosage systems type by loss in weight for carbon powder;

BURONI:

- Starting interventions of mechanic parts and modernization of the electronic parts for legal and industrial weighbridges;

BERKEL

- Installation and starting weighbridge 18x3 mt 80 tonns;

UNICEM – CEMENTERIA DI GUIDONIA (ROMA)

SCHENCK:

- Starting interventions and calibration on weighing systems and dosage for raw materials;

UNICEM – CEMENTERIA DI VERNASCA (PC)

SCHENCK:

- Starting interventions and calibration on weighing systems and dosage for raw materials and cement;

UNICEM – CEMENTERIA DI SETTIMELLO (FI)

SCHENCK:

- Recovery and development of the weighing trails Schenck type loose cement charging ;

UNICEM – CEMENTERIA DEL VULTURE (PZ)

BURONI:

-Installation and starting of 1 weighing system type Buroni “Zattera”;
- Maintenance of the weighbridge in balance for reception;

UNICEM – CEMENTERIA DI SIRACUSA (SR)

SCHENCK:

-Installation and starting of 1 weighing system on transportation belt;

GRUPPO ITALKALI

SCHENCK:

- Installation and starting of 1 weighing system on transportation belt c/o mine of Petralia(Palermo);
- Installation and starting of 1 weighing system on transportation belt c/o mine of Racalmuto (Agrigento);

FERRIERE DI SERVOLA (Trieste)

- Installation and starting of 1 weighing system Stock house and the top Blast furnace/3;
- Installation and starting neutron sensors Blast furnace/3 ;

ENI SPA DIV. REFINING & MARKETING (Taranto)

BERKEL/ IBR spa

- Mechanic revision of the 8 weight bridges charging cells substitution , operating of the new instrumentation for weighing of tank trucks;
- Installation and start up of 1 weighbridge system for iron cistern ;
- Installation of control system for positioning tank trucks with software weighing implementation for allowance to weight.;
- Planned maintenance and efficiency keeping of weighing systems for tank trucks of the refinery;

ENI SPA DIV. EXPLOR. & PRODUCT.

- Installation, assembly and start up of 4 weighbridges in Buroni type “Zattera” balance with electronic weighing single cell apparatus c/o Viggiano oil center (Potenza);
- Installation, assembly and start up of 4 weighbridges in Buroni type “Zattera” balance with electronic weighing single cell apparatus c/o Corleto Perticara oil center (Potenza);
- Installation, assembly and start up of 1 weighbridge in Buroni type “Zattera” balance with electronic weighing single cell apparatus c/o VAL D’AGRI oil center (Potenza);
- Installation, assembly and start up of 1 weighbridge in Berkel type “Zattera” balance with electronic weighing single cell apparatus c/o Torrente TONA oil center Rotello(Campobasso);
- Modification and start up of the Berkel weighing system c/o Pisticci center oil (Matera);

FIATPLANT OF MELFI (Potenza)

BURONI:

- Installation, assembly and start up of 4 weighbridges in balance with electronic weighing single cell and bending apparatus ;

BURONI/QUADRELLI/LAVEGGIO/BERKEL

- Installation and start up of weighing systems for road and rail vehicles c/o industrial and transformation plants (such as oil mill, wine cellar, cement plant, steel plant, military arsenal Navy. deposits Air force.).

ACTIVITIES ALL AROUND THE WORLD FOR ITALIMPIANTI

POLAND

- Installation and start up of two Buroni roll weighing systems c/o Electric galvanizing plants in Cracovia(krakov);

FOR SCHENCK: GREECE

- Installation and start up of weighing systems on Schenck belt c/o Salonicco steel plants;

ALGERY Annabà Steel Conglomerate system

- Installation and start up of weighing systems for conglomerate system composed by 13 dispensers, 4 weighing hoppers, 4 balances on belt, 2 slide dispensers c/o syderurgic plant of Hannaba ;
- Training course to the employees for weighing in Hannaba;
- Start up of 4 "mineral testing" systems supplied from Siebtechnik Gbm.
- Supply and start up of a measurement system for permeability;
- Supply and start up of all the intercom Intel systems;
- Supply and start up of a measurement system to measure the height of material layer of conglomerate in furnace entrance.
- Supply and start up of 15 ultrasound sensors for silos for conglomerate system.

BLAST FURNACE SYSTEM

- Supply and start up of all the intercom Intel systems;
- Start up of all the gas analysis "Regulator spa";
- Start up and supply of candle burning system;

IRAN

- Installation and start up of weighing systems on belt c/o steel plant in Mobarake’;
- Installation and start up of dosage systems c/o Mobarake’ plant ;
- Modernization and testing of 140 weighing systems belt type, dispensers, platforms and hoppers c/o steel plant in Yadz;
- Modernization, testing and calibrating of weighing systems on casting cranes c/o steel plant in Yadz;
- Start up of 11 micrometers to measure the thickness in the cool rolling mill area c/o Mobarake’ plant;
- Production increase of the cool rolling mill of Mobarake’ from 680000 tons to 920000 tons /year;
- Restructuration of Mobarake’ plant maintenance according to the Master Plain .