

ELTMAN has elaborated basic projects in electrical areas, civil, mechanic and telecommunication to hydroelectrical plants, substations, Industrial installations and several systems.

Electric Basic Project:

- . Unifiliar diagrams;
- . Digital systems for Protection and Control:
 - Preliminary Points list;
 - System dimensioning;
 - Architeture Diagram;
- . Descriptive books;
- . Control and Command, Protection and Measurement system TE;
- . Protection systems TE;
- . Control systems TE;
- . Power transformers and generators TE
- . Loaders and batteries TE;
- . TE of PTs, CTs and lightning-conductors;
- . Sectioning and circuit breakers TE;
- . Armour bus TE
- . Medium and Low voltage distribution pannel TE;
- . Electrical layout, floor plan and cut designs

Civil Basic Project:

- . Civil layout, floor plan and cut designs;
- . Architeture designs;
- . Concrete TE.

Mechanic Basic Project:

- . Mechanic layout designs;
- . Descriptive Books;
- . Metallic structure dimensioning;
- . Generator refrigeration system TE;
- . Fire fight and detection system TE;
- . Emptying and drainage systems TE;
- . Ventilation system TE;

Telecommunication Basic Project:

- Telecommunication architecture;
- Telecommunication system TE;
- Frequencies plan definition.

Aerial Network Basic Project:

- Aerial Network feeding unifiliars diagrams;
- Auxiliary service of Station unifiliar diagrams;
- Electrics sectioning definition;
- Messenger contact wire definition;
- Maximum span definition;
- Pole and portals profile definition;
- Maximum efforts on structures calculation;
- Cable diagrams;
- Aerial Network TE