

Cable works
Cable lifts
Hydroelectric installations

OVER 30 YEARS' EXPERIENCE IN CABLE APPLICATIONS AND MAINTENANCE

Sarl **TEC CABLES BOURG**

282, Chemin d'Eternaz - FR-01960 PERONNAS
Tel/fax : 04.69.19.40.67 - mob. : 06.07.37.29.16 - Email : contact@tec-cables.com
www.tec-cables.com



Up until 2009, ArcelorMittal Wire Bourg-en-Bresse **installed and maintained cables and wire** ropes sold throughout the world via its in-house department, TES. As a part of its reorganization programme, ArcelorMittal decided to reorganize this sector of activity. As a result, **TEC CABLES BOURG** was created in September 2009.

The vocation of **TEC CABLES BOURG**, based on the Bourg-en-Bresse production site is to develop **services** offered to traditional and future ArcelorMittal customers, by offering increased **reactivity** and adapting itself to technical developments.

TEC CABLES BOURG also has a vocation for installing and servicing ArcelorMittal products distributed by the TRACTION LEVAGE company, based in Gardanne (France, near Marseille).

TEC CABLES BOURG relies on a structure comprised of **specialists and professionals** from the former ArcelorMittal TES department, capable of dealing with all cable installation, repair and maintenance operations.

Fields of activity:

TEC CABLES BOURG offers you its expertise in the following sectors:

- Cable lifts (ski-tows, chairlifts, gondola lifts, aerial cableways, etc.) in ski resorts.
- Urban cableways or railways.
- Offshore platforms.
- Dams and hydroelectric installations.
- Hoisting equipment (harbour cranes, bridge cranes, etc.).
- Industrial cable equipment.

Services:

TEC CABLES BOURG uses its know-how for:

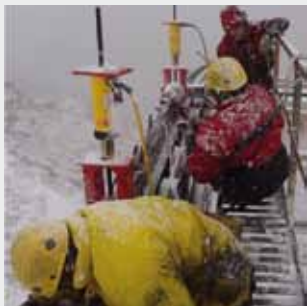
- Splicing and shortening cables.
- Stringing and changing cables.
- Cable rigging (sliding, raising carrying cables, taking up slack, etc.) .
- Socketing.
- Expertises.
- All other cable operations (replacing strands, replacing sections, repairing, etc.).

Resources and equipment:

TEC CABLES BOURG possesses an infrastructure of about 1000m² on the ArcelorMittal Wire site at Bourg-en-Bresse, in the Ain country, in the foot hills of the Alps.

We are equipped with a considerable range of **special tooling**:

- 1 truck equipped with a hydraulic power pack and its draw-off or hold-back capstan, F = 15 T.
- 3 site pick-ups.
- 1 hold-back caterpillar, F = 20 T.
- 1 Power-driven take-up.
- 7 hauling winches from 3 to 90 T, with all their associated hydraulic power packs.
- Holding jaws from 10 to 180 T.
- 2 site containers.



A specialized, highly-skilled team:

Based in the Rhone-Alpes region, the **TEC CABLES BOURG** team is comprised of highly experienced technicians who have come from ArcelorMittal. Holders of licenses for driving HGVs, overhead work cages and forklift trucks, we are capable of a **high level of autonomy** on our missions. Trained for overhead work, our team is extremely attentive to both **safety** and the **quality of its interventions**, irrespective of the prevailing weather conditions (snow, rain, wind and cold). Our team speaks English, enabling us to intervene worldwide.



Etienne Maublanc
Director



Alain Cortes
Technician



Stephen Dedet
Technician



Christian Vernoux
Technician



Francisco Teixeira
Technician



Quality services carried out in total safety with respect for both men and environment:

o Quality :

ArcelorMittal has been ISO 9001 certified since 1992. Their corresponding procedures, work methods and quality documents are still in application. In order to maintain the high level of Quality, necessary for this type of work, **TEC CABLES BOURG** obtained the **ISO 9001 certification** (AFNOR) in September 2010.

o Safety :

TEC CABLES BOURG personnel frequently work in difficult conditions (height, cold, accessibility, etc.). We apply suitable **work methods and operating procedures and use appropriate tools** in order to **reduce the risks related to our interventions to a minimum.**

o Environment :

TEC CABLES BOURG often intervenes on very beautiful and protected mountain sites that are the splendour of our regions. We pay close attention to the **ecological impact** of all our interventions. Today, **sustainable development** is an every-day reality, and of strategic importance for every company.

o Charter :

TEC CABLES BOURG

- o **Pays particular attention** to its personnel's self-fulfilment and the quality of human relations;
- o **Contributes** actively to acquiring skills and developing tools related to our profession;
- o **Mobilizes** itself for accomplishing the tasks required, in compliance with your requirements in a context of high safety levels;
- o **Participates** in preserving our planet.

Wire ropes Services offered by **TEC CABLES BOURG** :

- **Splicing and shortening**
- **String and rigging**
- **Socketing**



SPLICING AND SHORTENING

TEC CABLES BOURG delegates a technician for **supervising** cable splicing or shortening services. On arrival, he checks that the safety conditions required (access, environment, assembly, taking up slack, etc.) are present and draws up the Individual Health Protection and Safety Plan (IHPSP). Then, together with the site team (assembly team, personnel made available from the client) he carries out the cable splicing or shortening operation in compliance with quality procedure requirements, and followings the steps detailed below :

- Taking measurements, preparing the “intertwining”, and calculating knot distribution.
- Straightening and preparing strands for insertion (**the greatest care** is taken in this operation), inserting strands.
- Pressing knots under heat and, wherever possible under tension (for increasing the splicing quality).
- Taking dimensional readings of the splice and **drawing up the intervention report**.





UNROLLING AND RIGGING

The **TEC CABLES BOURG** team works on **new installations**, but also carries out preventive or curative **maintenance operations**.

For this reason, our range of interventions covers a **wide panel of operations** :

- Unrolling cables.
- Replacing sections of cable or strands.
- Repairing or replacing wires.
- Repairing casing on offshore cables.
- Lifting or sliding carrier cables for control or inspection.
- Taking up slack.
- Assistance and/or expertise on cables.
- Difficult handling operations.



SOCKETING

TEC CABLES BOURG carries out all socketing operations on :

- Stranded cables,
- Stay ropes,
- Locked-coil cables.

with the following sockets:

- cylindrical
- moulded
- mechanically welded
- eye or open type wedge sockets
- rope coupling type

On arrival, the technician in charge checks that the safety **conditions required** (access, environment, assembling, taking up slack, etc.) are present and draws up the IHPSP and requests **the certificate of conformity for the sockets** made available.

The socket assembly process is carried out as per the required quality procedure, finished by marking the rolled conical end for identification and a **completion report drawn up**.

Speltering may be done with the following materials :

- zinc alloy
- zinc-cadmium alloy
- resin.





TEC CABLES BOURG works on national, European and international levels. As a **service organization**, our objective is to live up to your expectations, comply with your requirements and intervene **as quickly as possible**. We comply with your constraints and make every effort to give you total satisfaction, whether it be in emergency situations or in long-term planning.

Our main customers and partners:

o Industry:

- ARCELORMITTAL
- BARTHOLET
- COMAG
- DOPPELMAYER
- IMEYRIS (Luzenac)
- JOLY PHILIPPE
- MECAMONT HYDRO
- POMAGALSKI
- SKIRAIL
- TRACTION LEVAGE
- YORK NEIGE

o Institutional and local districts :

- EDF
- Towns (Paris, Barcelone, Madrid, Honk-kong, Beyrouth, Rio de Janeiro, Malaga, Lyon, Laon, Huy, Nizhniy, Libreville, Alton...)
- Urban districts
- Ports

o Ski resorts :

- Argentières, Chamonix, Courchevel, Flaine, Isola 2000, La Plagne, Les 2 Alpes, Les Arcs, Megève, Morzine Avoriaz, Serre Chevalier, Val d'Isère, ...
- Borovets, Chepelare, Pamporovo (Bulgarie)
- Dali, Jing Gang Shan, Makao, Shangri La, Xiling xue chan ... (Chine)
- Chicamocha, Medellin (Colombie)
- Gudauri (Géorgie)
- Gulmarg (Inde)
- Ciao, Hakuba Nagano, Kawaba, Marubeni, Meiho, ... (Japon)
- Kielce (Pologne)
- Elbrus, Sochi (Russie)
- Are (Suède)

