

JOB OFFER DP Nr. 10.14

**ELECTRICAL ENGINEER
(Fixed term contract)
PROGRAMS DIVISION**

1 – ASSIGNMENT

Programs Division, Installations and Launches, Electrical and Command-Control Systems Department, "Interfaced and Power Supply Section" (DP/IL/SC/IE).

2 - JOB DESCRIPTION

As part of activities for Ariane 5 launch preparation, control and operation (and shortly for the Soyuz and Vega launchers as well), you will be in charge of the following in the area of electrical and command-control systems, especially concerning launcher electrical systems and the associated ground/onboard interfaces (electrical supplying, onboard process control, pyrotechnic systems) :

- preparation of launch campaigns, in particular integration of specific aspects and upgrades (writing operational procedures and preparation of operational plans, development of control and data analysis software if needed),
- preparation and execution (if needed) of preliminary functional checks for the associated ground support equipment (hardware and software),
- direct control of integrated operations concerning launcher electrical systems, as head of this speciality,
- engineering of ground facilities upgrades concerning these areas.

Operational functions :

- Head of the speciality "Pyrotechnic and Sequential" during Ariane 5 launch campaigns.
- Head of the speciality "Upper Composite electrical operations" during Ariane 5 launch campaigns.

These activities also call on techniques such as:

- onboard electronic systems,
- pyrotechnic and electrical systems operations,
- electrical supplying systems,
- complex software system use.

You will work in a team of engineers, reporting to the Section Head, "Numerical and Software System operations".

3 - CANDIDATE PROFILE

Degree from an engineering school or equivalent French or European university, with good basic knowledge of telecommunications, electrical engineering, electronics, applied IT and, if possible, aerospace systems.

The tasks of this job run from execution of basic tasks to team leadership during launch campaigns. It therefore requires:

- an ability to analyze and synthesize information
- good organizational and methodological skills
- ability to work in a team
- good contact with people
- high availability.

Because Arianespace is an international business, you should be comfortable working in both French and English.

4- PLACE OF WORK

Evry (South suburb of Paris) with many long business trips to Kourou (French Guyana).

Should you be interested in this position, please send your application and resume to : ✉ ARIANESPACE – Human Resources Directorate – ref. DP 10.14 - Boulevard de l'Europe – BP n° 177, 91006 Evry-Courcouronnes Cedex or by mail to recrutement@arianespace.fr