Eletrobras, as the biggest company of the electric power sector on Latin America and as the operating company of the Brazilian national program for universal access to electrical power (Luz para Todos), has essential role in the financial resources releasing from the Federal Government to perform the works of electric power supply expansion in Brazil. These resources are released only after the inspection of each stage of the works, always conducted by a qualified employee of Eletrobras. To perform these activities across the country, these employees routinely perform trips to those works sites, where they remain for 12 days, running the inspection of the designated works as previously developed planning. In these locations, mostly of them rural, the inspection activities are performed outdoors and are significantly tough, especially due to environmental factors which the technicians are exposed to. In order to accomplish this work, the author kept up with an employee in one of those trips (in March of 2014) realized in the Amazon region. There, we have sailed many tens of kilometers between rivers and streams and traveled more than 2,000 kilometers of roads - many in poor conditions. We were able to observe the activity development and check the circumstances and difficulties faced by workers and what can be thought and done to improve their working conditions on these occasions. We analyzed since the beginning, from the preparation and organization of the trip, to the end, on the reporting and consolidation of information, including the main activity. Finally, based on observations, we prepared a series of recommendations and actions to be taken, initially involving the technicians’ area, in addition to occupational safety and health areas of the company. Some of these recommendations have already been implemented and validated by the workers.