

Xx Electric Power Industry Bureau

CREDENTIALS CERTIFICATE

To Whom It May Concern:

This is to certify that xxxxxx had been working in the Tianjin Electric Power Industry Bureau from July 1994 to September 1999.

In July 1994, xxxxxx joined Electric Power Generation and Overhaul Engineering Company – the subsidiary company of Tianjin Electric Power Industry Bureau and worked as an electrician of Electrical Overhaul Team, being responsible for the installation and maintenance of the electrical equipment in Junliangcheng Power Plant. The referee Junnian Feng was the then general manager of the company.

In April 1996, the team with which xxxxxx worked merged with the Electrical Overhaul Workshop of Junliangcheng Power Plant. His position and tasks remained unchanged. The referee Peiyu Xue was the then electrical engineer of this Electrical Overhaul Workshop.

In August 1995, xxxxxx was granted the qualification of Assistant Electrical Engineer by the Ministry of Energy of the People's Republic of China and was granted the Electrician Working Permit by the Ministry of Electric Power of the P. R. China in November, 1995.

During his five years' work, xxxxxx's work involves:

1. Installation and Overhauling of 380/220V auxiliary service equipment and excitation equipment of the generators. It involves live line work. The details are as follows:
 - a. Installing and maintaining low voltage circuit breakers such as electromechanical automatic transfer switch (800 and 2, 500A), plastic casing circuit breakers (10 – 200A) and ground fault protection breakers (6 – 20A/30mA), etc. His accumulative total work hours are 2, 200. His maintenance work includes fixing control mechanism breakdowns and removing the oxide coating on the surface of the line contacts, etc.
 - b. Laying and maintaining cables. His accumulative total hours are 2, 200. His maintenance work includes replacing terminal lugs and repairing insulating layers, etc. The cables that xxxxxx laid and maintained are polyvinyl chloride insulating cables (core wires-1/2/3, and 2.5 -16 mm²); the polyethylene insulating, PVC jacketed and light gage wire armored cables (3 × 6 +1 ×4 mm²; 3 × 16 + 1 ×10 mm²; 3 × 35 + 1 × 16 mm² and DC 2 × 120 mm²); the cross linked polyvinyl chloride insulating PVC jacketed and

light gage wire armored cables ($3 \times 16 + 1 \times 10 \text{ mm}^2$; $3 \times 35 + 1 \times 16 \text{ mm}^2$ and $3 \times 50 + 1 \times 35 \text{ mm}^2$), etc.

- c. Installing and maintaining lighting equipment such as metal halide lamps and high-pressure mercury lamps, etc. His total work hours are 2, 400. The maintenance work includes replacing luminary and fixing lamp circuit breakdowns.
2. Checking and maintaining generators and high tension motors. His total work hours are over 2, 000 hours. The generators and high tension motors are:
 - a. Four 200MW-generating sets and each set has generator (200MW), main excitor (1,055KW), sub-excitor (30KW), feed pump motor (5,100KW and DC generator (4.8KW), etc.
 - b. Four 50MW-generating sets, each includes generator (50MW), DC excitor (200KW), backup excitor (132KW), and feed pump motor (2,000KW), etc.
 3. From November 1995 to February 1996 xxxxxx was temporarily transferred to help install new electric meters (single phase, 220V, 10A) for the city dwellers and lay incoming service lines for apartments. His accumulative work hours are over 600 hours. This also involves live line work.

The maintenance work requires that an electrician not only can cooperate, as a team member, tacitly with his colleagues, but also can solve problems independently. Meanwhile the work requires that an electrician is able to continue work energetically after eight-hour normal work time. xxxxxx had an outstanding performance in these aspects.

If you need further information on him, please do not hesitate to contact us.

xxxxx (signature)

xxxx (signature)

1st October, 2003

xxxxx
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xxxxxxx
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