



TODAY'S FOREIGN TRADE COMPANY «INPAT» OF THE E.O. PATON ELECTRIC WELDING INSTITUTE



INPAT company of the E.O. Paton Electric Welding Institute (PWI) was founded on June 23, 1989 in accordance with the resolution of the Presidium of AS of UkrSSR. Since the moment of organization and until now the company is headed by Dr. V.I. Galinich, the laureate of the State Prize of Ukraine. The highly-qualified specialists, possessing the knowledge and experience in accompanying as well as in fulfillment of the commercial contracts, are working in the company.

INPAT represents the commercial interests of PWI in Ukraine and at the world markets of welding equipment and technologies on the following trends:

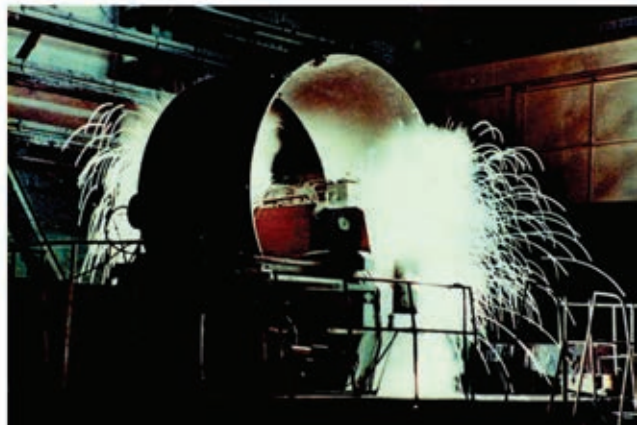
- research and engineering projects;
- trade and purchase, dealer activity, marketing, brokerage, agency activity;
- management of wholesale and retail trade;
- organizing of exhibitions, fairs, auctions, participation in tenders at the territory of Ukraine and abroad;
- advertising-information activity;
- receiving, applying and selling of licenses and patents.

Over this period, PWI with INPAT assistance signed and fulfilled successfully 400 contracts with foreign enterprises and organizations from the USA, Germany, Japan, China, France, South Korea, Great Britain, Russia and some other countries. The most important contracts were signed with such leading foreign companies as General Electric, AIRBUS Industries, TABCO, GEC ALSTHOM, ONERA, TISTO, AEROSPATIALE, University of Pennsylvania, etc.

It is necessary to note especially the many-year beneficial cooperation of INPAT with NASA in the scope of conductance of the International experiment on space welding. Under this subject PWI has already cooperated successfully for several years with the Russian Space Corporation «Energia» with contracts accompany by INPAT. Technology and equipment for flash-butt welding of high-strength aluminium was successfully implemented at the enterprises of rocket construction (welding of frame rings, shells).

Over the recent years the company deals with promotion of the PWI developments to the new challenging markets (India, China, Vietnam). A number of contracts were signed with enterprises and organizations





of these countries, the joint venture was established with the Chinese company «Paton-Gaode» for manufacture of flux-cored wires for welding. The agency agreements were signed with Indian and Brazilian partners. In the scope of cooperation with the Indian institutes and enterprises for realization of the PWI developments with participation of INPAT, the exhibition of welding equipment of PWI and Ukrainian enterprises-manufacturers was presented at the International Expo «Welding-India» in February, 2005. The cooperation of the company with the largest Research Welding Institute in India is also progressing.

Within the scope of the intergovernmental agreements about cooperation of the Ukrainian and Vietnamese Academies of Sciences and at a direct participation of INPAT, the Vietnamese Research Center of Transfer of Technologies was established in 2004, the aim of which is the implementation of high technologies of the Ukrainian companies into the economy of Vietnam. The semi-automatic line for manufacture of large-size anchor chains (flash-butt welding), developed and manufactured by the PWI specialists, is successfully operating.

Technology and equipment of embedded electrode welding of INPAT were implemented at the Irkutsk Aluminium Plant (RF) in construction of the V series of the electrolysis production. More than 16,000 butts were welded in mounting of cathode pins of 80 × 220 mm section of electrolytic cells. The welding of cathode pins of 115 × 230 and 90 × 180 mm section in magnetic fields was also performed at the pilot area of Sayanogorsky Aluminium Plant (RF). The mentioned technology and equipment were also applied in construction of line of a high-speed tram in Kiev (about 1000 butts were made) and in Lvov.

Over the recent years INPAT together with the PWI specialists takes a part in the implementation of technology of live tissues welding, the unique method of joining tissues in surgical practice, developed under the supervision of Prof. Boris Paton. Owing to this technology about 100,000 operations were successfully fulfilled.

The company participated actively in the construction of some objects of the national importance, namely NSC «Olimpiysky», driving-in road to terminal D in Kiev airport «Borispol».

Much work has been done and will be done relying on the experience of team of associates, high scientific and intellectual potential of PWI.