Application of Electrostatic Tandem in Almaty for Analysis of Berillium Foils and Radioactive Particulates, A. ARZUMANOV, A. BORISENKO, S. ELISEEV, I. GORLACHEV, S. LYSUCHIN, A. PLATOV, A. TULEUSHEV, INP, Almaty, Kazakhstan - A microprobe system with beam spot size up to $10 \times 10\ \mu m^2$ and beam current of 1 nA was designed and constructed at the electrostatic tandem in Almaty. It was used for investigations on artificial radionuclides pollutant distribution at Semipalatinsk Nuclear Weapon Test Site. Distribution of Fe, U and Pu in radioactive particulate was stuied which is important for their original understanding. Also analysis of berillium was carry out. NRA method was used for berillium foils thickness measurement. While RBS and PIXE methods were applied for foils purity analysis. Obtained results are discussed.