

### Technical Staff Training at the Ural Private Mining Plants in the First Part of the XIX Century

*Abstract.* The paper discusses the level and quality of employees' technical training at the private factories in the Ural region in the pre-reform period of the XIX century, which appears to be one of the least explored aspects in the history of education. Analyzing the existing data and preserved documents, the author attempts to fill the above gaps and demonstrates the dynamics of the private schools development in the factory settlements of the region, their curricula and the government's attitude to the issue of the factory serfs' training. The research findings reveal that despite the government's resistance the number of educated professionals and technicians was gradually increasing in the first half of the XIX century. It was especially noticeable in the large private factories owned by the Demidovs, Stroganoffs and Vsevolozhskys. In the middle of the century, the expertise and skills of the top and senior managerial and technical staff had met the existing requirements. However, the top managers and factory owners anticipated the forthcoming changes in the personnel policy due to the engineering and industrial development in the last half of the century.

*Keywords:* mining industry, private education, technical staff of the factories, factory schools.

#### References

1. Belov V. D. Historical sketch of the Ural mining plants. SPb., 1896. S. 73.
2. Kalinina T. A. The development of public education in the Urals in the pre-reform period (80 th years of the XVIII century. - first half of XIX C.). Perm', 1992. S. 8.
3. Lysova O. A., Osipova L. A. To the question about the development of education in the Ural in the XVIII century // From the history of the spiritual culture of the pre-revolutionary Urals. Sverdlovsk, 1979. S. 97–111.
4. A commemorative book for the Russian mountain people in 1862.. SPb., 1862. S. 11–24.
5. Project of the provisions . SPb., 1806. S. 584–590.
6. Assembly resolutions on the part of the schism. SPb., 1875. S. 367.
7. The state archive of Perm region (next - SAPR). F. R. 790. Op. 1. D. 2308. L. 55.
8. SAPR. Ф. 176. Оп. 1. Д. 684. Л. 1–25.
9. SAPR. Ф. 176. Оп. 1. Д. 692. Л. 13–14.
10. SAPR. Ф. 176. Оп. 1. Д. 708. Л. 1–151.
11. SAPR. Ф. 280. Оп. 1. Д. 766. Л. 13.
12. SAPR. Ф. 280. Оп. 1. Д. 1023. Л. 45 об.
13. SAPR. Ф. 280. Оп. 1. Д. 1031. Л. 1–40.
14. The state archive of Sverdlovsk region ( - next SASR). Ф. 24. Оп. 23. Д. 7259. Л. 1–21.
15. SASR. Ф. 24. Оп. 32. Д. 4416. Л. 1–168.
16. SASR. Ф. 43. Оп. 1. Д. 320. Л. 1–248.
17. SASR. Ф. 43. Оп. 2. Д. 1640. Л. 1–284.
18. SASR. Ф. 72. Оп. 1. Д. 2075. Л. 1–161.
19. SASR. Ф. 102. Оп. 1. Д. 375. Л. 25 об.
20. SASR. Ф. 643. Оп. 1. Д. 422. Л. 163.
21. SASR. Ф. 643. Оп. 1. Д. 422. Л. 179 об.
22. SASR. Ф. 643. Оп. 1. Д. 574. Л. 1–27.
23. SASR. Ф. 643. Оп. 1. Д. 703. Л. 14.
24. SASR. Ф. 643. Оп. 1. Д. 743. Л. 12–15 об., 21, 54–59, 66–71.
25. SASR. Ф. 643. Оп. 1. Д. 758. Л. 163.
26. SASR. Ф. 643. Оп. 1. Д. 771. Л. 61 об.
27. SASR. Ф. 643. Оп. 1. Д. 793. Л. 1–75.
28. SASR. Ф. 643. Оп. 1. Д. 946. Л. 21 об, 97–113 об.
29. SASR. Ф. 643 Оп. 1. Д. 1029. Л. 135.
30. SASR. Ф. 643. Оп. 1. Д. 1131. Л. 6.
31. SASR. Ф. 643. Оп. 1. Д. 1170. Л. 72–76.
32. The national archives of the Republic of Tatarstan.. Ф. 92. Оп. 1. Д. 2506. Л. 38.
33. Russian state archive of ancient acts ( next RSAAA). Ф. 1252. Оп. 1. Д. 1882. Л. 32–32 об., 96 об–97, 151 об., 318, 383, 449.
34. RSAAA. Ф. 1267. Оп. 2. Д. 403.
35. RSAAA. Ф. 1267. Оп. 3. Д. 576.

36. RSAAA. Ф. 1267. Оп. 4. Д. 216. Л. 1–7.
37. RSAAA. Ф. 1267. Оп. 7. Д. 343.
38. RSAAA. Ф. 1267. Оп. 7. Д. 344.
39. RSAAA. Ф. 1267. Оп. 7. Д. 366.
40. RSAAA. Ф. 1267. Оп. 7. Д. 1300. Л. 6.
41. RSAAA. Ф. 1267. Оп. 7. Д. 1935. Л. 1–6.
42. RSAAA. Ф. 1263. Оп. 10. Д. 1588.
43. RSAAA. Ф. 1278. Оп. 2. Д. 4396.
44. RSAAA. Ф. 1278. Оп. 2. Д. 4528.
45. RSAAA. Ф. 1278. Оп. 2. Д. 4664.
46. RSAAA. Ф. 1278. Оп. 2. Д. 4813.
47. RSAAA. Ф. 1278. Оп. 2. Д. 4816.
48. RSAAA. Ф. 1278. Оп. 2. Д. 8274.