



## Reference List of Completed Works by Experts from Project Completion Partners



### PATENTS

1. R. T. Mukhammadiev, A. M. Solodkiy. High-voltage electric coupling. Russian Federation Patent No. 36598, 2003.
2. R. T. Mukhammadiev, M. Sh. Arabov, A. M. Solodkiy. System for multiple use of wash water in gas condensate desalination. Russian Federation Patent No. 38168, 2004.
3. Utility Model Patent No. 2010101074/22, dated January 14, 2010, "System for producing stable condensate without hydrate formation" – R. T. Mukhammadiev.
4. Scientific and technical assessment of the influence of hydrogen sulfide content on the formation of hydrate plugs at various fields. R. T. Mukhammadiev, A. V. Obiedkov – 2014
5. Energy efficiency in downlink channels of NOMA cognitive radio networks. German patent number 202022101502. Prafulla Kumar Vyas, 2022.

### COMPLETED WORKS

1. Economic impact of operational improvement programs implementation: \$75 million, jointly with E&Y – Kirill Aleshin
2. Organization of UNG reliability management services – Kirill Aleshin
3. Automation of failure data collection processes at UNG production facilities – Kirill Aleshin
4. Development of methods for assessing the professional competencies of specialists at Tengiz-Chevroil and Sakhalin Energy – Valery Nezhinsky
5. Creation of professional training programs for specialists at Sakhalin Energy and Petrofak – Valery Nezhinsky
6. Implementation of project value enhancement methods and practices at Lukoil Overseas – Valery Nezhinsky
7. Development of a methodology for verifying the readiness of oil, gas, and petrochemical facilities at Lukoil Overseas – Valery Nezhinsky
8. Development of a methodology for conducting commissioning work at oil and gas industry facilities at Lukoil Overseas, Irkutsk Oil Company, and GTL Uzbekistan – Ildar Urazaev
9. Development of a methodology for conducting commissioning work at oil and gas industry facilities at Lukoil Overseas, Irkutsk Oil Company, and GTL Uzbekistan – Ildar Urazaev
10. Implementation of new methods and technologies in the production process to reduce costs and expenses at Astrakhangazprom, Lukoil Overseas – Rubin Mukhammadiev
11. Organization of commissioning work at virtually all new facilities in the CIS and Iraq – Ildar Urazayev
12. Modification of the mercaptan removal process in liquefied gases at TengizChevroil – Valery Nezhinsky
13. Coordination and development of training modules for all design disciplines at Petrofac – Valery Nezhinsky
14. Elimination of bottlenecks at production facilities at Astrakhangazprom, OTEKO, Lukoil Overseas, and Mubadala Petroleum – Rubin Mukhammadiev
15. Improving the efficiency of equipment used at Lukoil Overseas – Rubin Mukhammadiev
16. Participation in the development of service life models for catalytic systems at Lukoil Overseas – Valery Nezhinsky, Rubin Mukhammadiev
17. Development of computational models for technological equipment in the oil and gas industry – Rubin Mukhammadiev