Certificate ECH'

ECH Elektrochemie Halle GmbH Otto-Eißfeld-Straße 8 06120 Halle

> presents this Certificate of Completion to

Oleg Smirnov

AO SPEZAVTOENGINEERING, Russian Federation

in recognition of participation in the practical course

"Gas-in-Oil" - Analysis of Transformer Oils

Content of Training:

- Principles and procedures
- Oil sampling
- Application of measuring methods
- Expert system and interpretation of the results
- Troubleshooting of analyzers
- Maintenance procedures

Halle, 01.06.2017

M. Paln

Dr. Michael Hahn

Managing Director
ECH Elektrochemie Halle GmbH