



Bitzer

# Certificate

We herewith confirm that

**Nikita Serebriakov**

**Limited Liability Company "Refengineering"**

**Russia**

successfully participated in the

**Training „Trans-critical CO<sub>2</sub> Applications"**

13. - 14.02.2020

## Topics of the course

- // Why CO<sub>2</sub> as refrigerant?
- // Safety aspects
- // BITZER compressors for sub- and trans-critical CO<sub>2</sub> applications
- // Lubricants
- // CO<sub>2</sub> systems for trans-critical applications and their design features
- // Compressor selection and basic system simulation
- // System introduction
- // Commissioning
- // COP evaluation
- // Troubleshooting



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