

# CERTIFICATE OF COMPLETION

the undersigned declare that:

**Konirov Samat**

has followed the

**PT150 series pumps**

**technical instruction course**

*Topics covered:*

*frame & Body,*

*control unit LC10,*

*Hatz 1D90V,*

*wiring & schematic,*

*spare parts,*

*engine maintenance,*

*power supply,*

*valve replacement,*

*electric motors,*

*trouble shooting,*

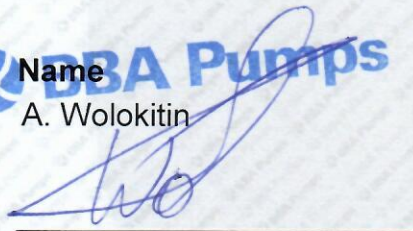
*special tools, tightening toques,*

*gland packing.*

**Place, date and year**

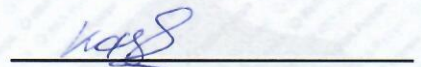
Atyrau, 20th – 21st September 2017

 **Name**  
A. Wolokitin



**Technical Instructor**  
**B.B.A. Pumps**

**Name participant**  
Konirov Samat



# CERTIFICATE OF COMPLETION

the undersigned declare that:

**Baibatyrov Kaiyrly**

has followed the

**PT150 series pumps**

**technical instruction course**

*Topics covered:*

*frame & Body,*

*control unit LC10,*

*Hatz 1D90V,*

*wiring & schematic,*

*spare parts,*

*engine maintenance,*

*power supply,*

*valve replacement,*

*electric motors,*

*trouble shooting,*

*special tools, tightening toques,*

*gland packing.*

**Place, date and year**

Atyrau, 20th – 21st September 2017

 **BBA Pumps**

**Name**

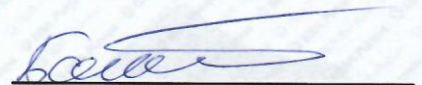
A. Wolokitin



**Technical Instructor**  
**B.B.A. Pumps**

**Name participant**

Baibatyrov Kaiyrly





# CERTIFICATE OF COMPLETION

the undersigned declare that:

**Zhexenov Askarbek**

has followed the

**PT150 series pumps**

**technical instruction course**

Topics covered:

frame & Body,	power supply,
control unit LC10,	valve replacement,
Hatz 1D90V,	electric motors,
wiring & schematic,	trouble shooting,
spare parts,	special tools, tightening toques,
engine maintenance,	gland packing.

**Place, date and year**

Atyrau, 20th – 21st September 2017

**Name**  
A. Wolokitin

**Name participant**  
Zhexenov Askarbek

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