

**Выполнение практического задания по переводу профессионального
текста
АНГЛИЙСКИЙ ЯЗЫК**

**Задача 1. Чтение, перевод текста с выбором правильных способов
исправления возможных неисправностей двигателя из нескольких
предложенных**

Faults of Motors and Ways of Their Repair

Motors may have different faults. A faulty motor does not start, or, when it is started, it operates at an excessive speed. Its brushes may spark and its windings and the commutator may be overheated and burnt. Besides, a motor may produce an abnormal noise, etc. All these and other faults should be detected and repaired. In case the motor does not start it may have different faults (see the table):

<i>Possible causes of faults</i>	<i>Ways of repair</i>
1. The fuses are faulty.	a) Replace the fuses.
2. The motor is overloaded.	b) Reduce the motor load.
3. The circuit of armature winding is open.	c) Repair the armature winding.
<i>In case the motor, stops upon start:</i>	
1. The rheostat is shorted.	a) Check the rheostat and the rheostat handle.
2. The rheostat switches from one position to another.	b) Slow down the operation of rheostat handle.
<i>Brushes may spark in case:</i>	
1. The motor is overloaded.	a) Reduce the load and remove the overload.
2. The brushes are in poor condition.	b) Replace the brushes.
3. The pressure is low.	c) Adjust the pressure.
4. The pressure is excessive.	d) Adjust the pressure.
<i>In case if the armature winding is overheated</i>	
1. The motor is overloaded.	a) Remove the overload.
2. Ventilation fails to operate properly	b) Check the cause of the speed reduction motor.
<i>In case of abnormal motor speed:</i>	
1. The motor is overloaded.	a) Reduce the load.
2. The rotor circuit has poor contact.	b) Repair the shorting mechanism.
<i>In case rotor brushes against the stator:</i>	
The rotor brushes against stator.	Adjust the air gap.

Задача 2. Ответы на вопросы, выполнение действия, инструкция на выполнение которого задана в тексте или выполнение задания на аудирование.

2.1 Complete the sentences using the correct option:

1. A motor with a fault
a) operates normally.
b) operates poorly.
2. Motor brushes spark in case if
a) they are in normal conditions.
b) they are in poor conditions.
3. The burnt commutator should be
a) replaced.
b) repaired.
4. The brushes may spark in case if
a) the pressure is low.
b) the pressure is excessive.
5. The air gap is adjusted in case if
a) the rotor brushes against the stator.
b) the stator brushes against the rotor.

2.2 Answer these questions:

1. When does a motor operate poorly?
2. What should be done in case if the motor is overloaded?
3. What should be done in case if the fuses are faulty?
4. What should be done in case if the rheostat is shorted?
5. What should be done in case if the brushes spark?
6. What should be done in case if the pressure is low?
7. What should be done in case if the ventilation is not working?
8. What should be done in case if the rotor brushes against stator?