

Problem 10	Reduction of CO2 emissions into the atmosphere
The essence of the problem	During operation of the gas treatment and processing shop units there are forced emissions of carbon dioxide into the atmosphere in the incinerator, from compressors and flares.
Technological parameters	In the long term it is necessary to ensure the reduction of CO2 emissions to zero, taking into account that the shop has the following units, which are sources of CO2 emissions: afterburning furnace, hot oil furnace - 3 units, compressor units - 6 units, steam boilers - 3, flare unit -1. The emission reduction technology should take into account the availability of these units.
Scale of the problem	According to the Low Carbon Development Program it is necessary to reduce CO2 emission into the atmosphere in the whole gas treatment and processing workshop.