



class AmmoniaProduction

+ temperature: float
+ pressure: float
+ impurities: float
+ catalyst: str
produce_ammonia()

class AmmoniaOxidation:

+oxygen_percent: float
+catalyst: str
+oxidize_ammonia()

class Filter:

+brand: str
+model: str
+contamination: float
+check_status()

class NitrogenDioxideAbsorption:

+filter: Filter
+absorb_no2()

class AcidConcentration:

+initial_concentration: float
+concentrate_acid

class Operator:

+name: str
+assign_driver_to_machine()
+remove_driver_from_machine()
+send_to_repair()

class _CareerMachine:

+machine_id: int
+x: float
+y: float
+update_position()
+assign_drive()
+remove_driver()
+get_info()

class DumpTruck

наследуется у
_CareerMachine
+capacity: str
+brand: str
+model: str

class TransportTruck

наследуется у _CareerMachine
+cargo: str

class ServiceVehicle

наследуется у
_CareerMachine