“ Working together for a green,competitive and inclusive Europe”

GLOSSARY OF TECHNICAL TERMS

PROJECT: “SMART TEAM VET”

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“ Working together for a green,competitive and inclusive Europe”

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This glossary contains terms used in the technical field of education and it contains the word in English and its explantion

A

Adhesive = that glues together something

= natural product or synthetic which can be used to glueing something

Admission =fraction of piston s race of a force machine made while the motor agent enters in the machine

Axes = straight line or an object of a line which occupies a certain position in a technical system

Ax = a machine organ cyllindrical form usually steel which receives and transmits a movement around its ax

Armature = the totality of methalic pieces of an istallation from pipes

=The totality of machines and control devices command and safety of an installation or of a machine

B

Brass = copper alloy and zinc malleable, ductile golden yeallow easy to handl

C

Chain= row of rings. Boards or haubark united for forming a batch which serves to transmit a movement

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Cupolas =cylindrical, vertical oven formed by montle board with intractable brick where the metal is being heated together with the fuel and auxiliary material or for melting and pouring in forms

Cutting = prelucration of an object by removing the surplus under the form of matchwood

Cupolas =cylindrical, vertical oven formed by montle board with intractable brick where the metal is being heated together with the fuel and auxiliary material or for melting and pouring in forms.

Cable= thick rope obtained by twisting some groups of vegetal or metalic wires used at the transport or lifting

Cala soft steal needle used or fixing horse in animals horseshoe.
Chain= row of rings. Boards or haubark united for forming a batch which serves to transmit a movement

Cutting = prelucration of an object by removing the surplus under the form of matchwood

D

Defect = deviation of final product charateristics which determines or risks of determining inadequate use of that product

Drilling machines= machines used at processing reaming using tools called drills

Drill bit= sharp steel tool in spiral shape which by screwing moves is used at the cylindrical drilling of materials

Drum= cylindrical shaped made of metal which serves at wrapping flexible organs, cables or chains with the purpose of operating them

Devices = the totality of machines and technical systems which assures the functionlity, control agjusting of an installation

Dial = surface usually forseen with certain divisions on which there are read the indications of the needle of an measurement instrument

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E

Equipment= the totality of a car s pieces and devices which assures its good functioning

F

Faulty = deviation of final product characteristics which determines or risks of determening inadequate use of that product or its not functioning

Fly wheeel = a very big wheel usually very heavy placed on the car and used as element of moving and turation smoothing

Frame = resistence structure formed by a skeleton of metallic bars

Fasteners = asambbly sistem formed by two or more techinical elements joined or articulated

G

Gearing= set of needle wheels coupled which allow a rotation movement

Guides=Steel or cast iron construction where there are settled the mechanisms of techinical system and through which it can be fixed on a foundation terrain

Girder= metal bar which which can be placed transversally on the longitudinal axes of a construction or technical system and used as piece of resistance at building the machine frame

H

Hook =metal piece with a bent top from which you can hang something

Hole =interior surface cylindrical or conical of a methalic piece

Hub = central part of an rotative copr which is placed on an ax where there are planted spire wheels

I

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Injector = A device that serves at water alimentation of steam barrels where the water is engaged by a steam current under pressure

= Device used at some hydraulic turbines to increase the speed the water hits the turbines blades

Ignition = mixture burning initialization , fuel in the burning chamber of an engine

K

Kinematic block = all machines and kinematic chains that insures the transmition , transformation and adjustment of main moves and secondary imposed by the work block as well as the value of characteristic sizes

Kinematic chains= systems formed by kinematic elements of different ranges liked in a continuous way by kinematic couplers of diffrent classes

Knife carrying slide= stand to frame machine tools which can slide at the lenght of some qguides assuring a displacement of the processing tool

L

Lathe=tool machines that enables the rounding, tapping, drilling, indentation etc. by cutting of a piece

Lever = solid element of a technical system tight or articulated at one end and which serves at taking over a task or transmitting a movement

M

Machinery = the totality of tools, machines necessary at making a certain work or for assuring the working process in a factory

Machine tools= working machines that processes materials by mechanical operations

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Mullion = mechanical device of a mechanism which allows the displacement of a mobile piece only in one direction and only between certain limits

O

Operation =putting in movevement of some systems , tools

P

Piece = a removable part of a machine, a mechanism or an instrurment of a construction machine organ or component element of a mechanism, instrument or device

Pinol=the mobile frame of a lathe in which is being fixed a drilling or tapping or a supporting top of one of pieces head which is being processed.

Pulley= mechanism made up of a wheel with a periferic groove which serves at transmiting a force. Through a cable or a chain which runs on a groove.

R

Rail=each of the bars of rolled steel after a certain profile and used as rolling way for a wheel vechile of guidance for certain pieces from a techinical installation

Reaming=interior surface, conical or cylindrical of a piece

Roll=wheel or cylinder which spins around a shaft for making it slide faster faster ona chain or a transmission belt

S

Splinter=the operation of precessing and object by reaming the surplus of material

Scanning = forced evacuation of burning gases with the help of burning gases from the cylinder of an engine with internal burn with the help of an air flow or fresh fuel

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Scraper= flexible steel blade which serves at cleaning or scraping surfaces

Shifter = placed between an engaging engine and organs that transmit the moving of another technical system allowing to modify work speed or moving speed of the engaging system

Splash = forced passing of an dispersed gas in small bubbles through an liquid
Strand= bundle of thin wires twisted together in the same direction from which cables, ropes are made of

T

Tapping = creation procedure under the form of a duct placed on a cilydrical surface exterior or interior
Tackle=lifting mechanism made up of flexible organs such as cable, ropes, chains

Technical sheet = a form which contains the totality of indications regarding a certain production process

Technical term = a specific term that defines a certain notion or from a subject

The technological process = is the totality of operations which involves mechanical and chemical processing throught which the raw materials are transformed into final products

Test Bench = installation for the quality technical control of some engines
Transmission = the totality of organs which transmit the moving from one machine organ to another or from a car to the another

Transporter= machine or automatic installation for transport or materials horizontally, vertically or slant relatively small distances

Tool = a piece used at processing solid materials in order to change shape dimensions or properties

U

Universal=lathe chuck which can be used at many operations

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W

Winch=lifting mechanism with universal character which serves at lifting or displacement

and at horizontally of tasks

Workroom = place equipped with tools and machines necessary where a manufacturing activity is taking place

Work bench = table of platform specially made where it can be fixed tools installations specific for manual work

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