

fldName	fldDefinition
Accelerometer	A detector that is intended to measure and record acceleration.
Access point, Wireless	wired network) if it's a standalone device.
Access point, Wireless, Ex	A hazardous area protected artefact that allows wireless devices to connect to a wired network using Wi-Fi, Bluetooth or related standards.
Accumulator, Piston	is entering from the other side, the piston is forced to travel back, reducing the gas vol
Actuator, Electric	An actuator intended to convert an electric signal into a signal of any kind, such as mechanical displacement.
Actuator, Hand powered	advantage.
Actuator, Hydraulic	An actuator powered by a hydraulic pressure.
Actuator, Pneumatic	An actuator powered by a pneumatic pressure.
Adaptor, Analog telephone	or a non-standard telephone system.
Adaptor, Coaxial	An adaptor for joining coaxial plugs and/or sockets together, where the plugs/sockets are identical or are of different types and/or genders.
Adaptor, Gauge, Swivel	the gauges or measuring instruments.
Alarm, Audible	An alarm that is giving audible signal.
Alarm, Audible, Addressable	An alarm that is giving audible signal. Addressability is the ability of a digital device to individually respond to a message sent to many similar devices.
Alarm, Visual	An alarm that is giving a visual signal.
Alarm, Visual, Addressable	An alarm that is giving a visual signal. Addressability is the ability of a digital device to individually respond to a message sent to many similar devices.
Alternator	An electromechanical device that converts mechanical energy to electrical energy in the form of alternating current.
Ammeter	A detecting instrument that is intended to measure the value of an electric current.
Amplifier	An artefact for increasing the power of a signal
Amplifier, Antenna	An artifact for increasing the power of incoming signals from antennas and for reducing of electrostatic noise.
Amplifier, Switch	prevents direct (galvanic) current flow between input and output by use of a galvanic isolator
Analyser, Gas	An analyser which analyses the composition of gaseous mixture with two or more components.
Anemometer	A detecting instrument for recording wind speed and possibly wind direction, or of any current of gas.
Anode, Sacrificial	An anode usually based on aluminium or zinc used to protect carbon and low-alloy steel equipment or structures against corrosion.
Antenna	An artefact intended to provide the function of radiating or receiving electromagnetic waves.
Antenna, Ex	An hazardous area protected antenna.
Antenna, Level, Radar	for level measurements.
Attenuator, Noise	A device intended to reduce a noise level. Typically caused by vibrations in fluid or gas streams.
Bandsaw	A power tool which uses a blade consisting of a continuous band of metal with teeth along one edge, which continuously rotates to cut workpieces.
Bar, Earth	An artefact which is a conductor forming a common junction for a number of earth conductors.
Barrier, Zener	An intrinsically safe barrier that is a circuit consisting of a zener diode(s) that is acting like a short circuit limiting the voltage into a system.
Base, Mounting	A device on which an object can rests and or is supported.
Battery	protective devices.
Beacon sounder, Ex	device for making an audible sound.
Beacon, Radio	A radio transmitter, usually non-directional, that emits identifiable signals intended for radio direction-finding.
Beam, Lifting	A beam that is structurally able to handle the load throughout the beam spread. A beam with a single central lifting point on the top.
Beam, Spreader	A beam for spacing the chains or wires/cables hanging from the boom of a crane. A beam with multiple peripheral lifting points on the top.
Bearing, Plain, Spherical	tilting and slewing movements.
Bell, Electric	A bell whereby the clapper is operated by an electrical device, from a signal provided by an alarm system, notification system, etc.
Bench, Exercise	A bench designed especially for use during various exercise regimes, including sit-ups, bench press and other types of weight work.
Blanket, Fire	A fabric that is designed to extinguish fires and to protect during an evacuation.
Block, Contact	A device containing contacts, which then forms part of a manual control switch which actuates the contacts when it is operated.
Block, Sheave	An artefact that is an assembly of one or more sheaves mounted on a single axis. This class may also be known as a pulley block.
Blower	Is an artefact intended to compress and supply air or gas at medium pressure and medium volume flow.
Blower, Electric	Is an electrical driven artefact intended to compress and supply air or gas at medium pressure and medium volume flow.

Blower, Hydraulic	Is a hydraulic driven artefact intended to compress and supply air or gas at medium pressure and medium volume flow.
Bottle	A fluid container that is rigid and transportable having one comparatively narrow inlet/outlet.
Box, Junction	An artefact which is an enclosed assembly for connection of cables.
Box, Junction, Ex	A hazardous area rated artefact which is an enclosed assembly for connection of cables.
Box, Storage	A box designed for the longer term retention of various artefacts.
Bracket, Mounting	A bracket intended to facilitate the support and fixation of an item to a foundation or structure.
Breaker, Circuit	break currents under specified abnormal conditions.
Breaker, Circuit, Ex	for a specified time and break currents under specified abnormal conditions.
Bridge, Conference	channel so everyone can hear each other.
Bridge, Wireless	devices work in pairs (point-to-point).
Cabinet	the front
Cabinet, Heat	An artefact which is a closed, free-standing mechanical structure provided with access doors or drawers and designed to keep the contents hot or warm.
Cabinet, Thaw	An artifact used for safe controlled melting (thawing) of food from frozen condition to approximate 3 dg Celsius.
Cable assy	A physical object consisting of a cable of a certain length, equipped with one or more connectors.
Cable, Heat trace	An electric cable, that is also an electric heater, with or without a shield or a metallic sheath, intended to give off heat for heating purposes
Cable, Power	An electric, installation, overhang or ground cable, intended for transmission of electric power.
Cable, Signal, Coaxial	An electric cable consisting of an inner conductor surrounded by an outer tubular conductor.
Cable, Signal, Instrumentation	An electric, pair, triple or quad cable rated to 250 V, intended for transmission of electric power.
Calibration kit	A kit containing tools, accessories and possibly spare gaskets, seals, etc., for the purpose of calibrating a piece of main equipment.
Camera Unit, CCTV	devices etc.
Cap, End	pipelines.
Cap, End, Specification	pressurised pipelines.
Capsule, Personnel transfer	A semi-enclosed device used in the transfer of personnel from one location to another, whilst slung from a helicopter or crane.
Charger, Battery	A direct current power supply unit for charging batteries.
Cleaner, Vacuum, Pneumatic	An air powered apparatus that by means of suction collects dust and small particles from floors and other surfaces.
Clock, Electric	An electrical device for measuring time, indicating hours, minutes, and sometimes seconds. On a round dial or by displayed figures.
Coil, Pipe	A coil whose main constituent part is a pipe that is wound in the form of a spiral or helix.
Column, Support	A support which is a cylindrical or slightly tapering body of considerably greater length than diameter, erected vertically as a support.
Combiner, Coaxial	A device that takes two signals and puts them on a single cable without any "translation", i.e. a simply or non-intelligent combination.
Compressor, Scroll	durability. Commonly used in air conditioning systems, among others.
Computer, Personal	A computer built around a microprocessor for use by an individual, as in an office or at home or school.
Condenser, Refrigeration	A vapor condenser in a refrigeration system, where the refrigerant is liquefied and discharges its heat to the environment.
Connection Kit	or unit, specifically for connecting equipment to a supply or outlet, or for connecting differen
Control unit, Electrical	A unit adjustable by other than mechanical means (e.g. sensing unit), containing electronic components and controlling the output via electronic components.
Control unit, Electrical, Ex	electronic components.
Controller, Gas	A controller that receives a signal from a gas sensor compares the actual level to the set point and provides an output to the control system.
Controller, Motor	A controller that serves to govern in some predetermined manner the performance of an electric motor.
Controller, Position, Electric	automatically keeping it there.
Controller, Power, Thyristor	loads, single or three phase.
Controller, Remote	and controlling a single artefact.
Controller, Video monitor	A device for controlling how a video stream from one or more sources, is manipulated, split and displayed on one or more video monitors or video walls.
Converter, Analog to digital	A signal converter that is intended to convert an analogue input signal into a digital output signal.
Converter, Serial to ethernet	A device for converting a serial signal and connection, into an ethernet signal and connection which can be transmitted over a cabled network.
Cooker, Electric	An appliance used for cooking food, typically consisting of an oven, hob, and grill, and the medium for cooking the food is electricity.
Coulometer	A detecting instrument for determining the amount of a substance released during electrolysis by measuring the electrical charge.

Counter, Display, Refrigerated	A display counter that is also a refrigerator.
Coupling, Quick	A coupling which is made to provide easy and quick disconnection.
Coupling, Shaft, Flexible	another through a resilient member or by gear teeth which also allows a limited end float.
Cover, Call point	slide away from the activation point.
CPU	A unit for centralised control and generally containing one or more processors, one or more stores and possibly changeover equipment.
Crane, Overhead	A crane where the hook and line mechanism runs along a horizontal beam that runs along two widely separated rails.
Cylinder, Calibration	An accurate measuring device, normally cylindrical shaped with gauge marks for measuring volume of a liquid.
Cylinder, Gas	permanently fixed in place, and the contents are consumed on-site and it is recharged elsewhere.
Damper, Balancing	A gas flow damper intended to adjust an gas flow rate through a duct.
Damper, Fire	A gas flow damper intended for sealing off a duct in case of fire.
Damper, Pressure relief	A gas flow damper that is used to relieve built-up pressure in a duct system to prevent damage to HVAC equipment.
Damper, Pulsation	A damper which is a small vessel filled with pressurised gas function as a shock absorber in a closed system.
Damper, Shut-off	A gas flow damper intended for closing off parts of a ventilation system.
Davit	A small crane on board a ship, especially one of a pair for suspending or lowering a lifeboat.
Dehumidifier, Free standing	the dry air.
Dehumidifier, In line	the air flow passing through it.
Demister	A physical object intended to catch fluid droplets.
Densitometer	at a photoelectric cell which determines the density of the sample from differences in the readings
Detector, Flame	A detector that is intended to sense a flame.
Detector, Gas	A detector that is intended to sense the presence of a specified concentration of a gas.
Detector, Heat	A detector that is intended to detect heat.
Detector, Leak	An artifact that can quantify a leak through a closed object or system.
Detector, Pig	A detector intended to detect a pig inside the pipeline or pig receiver.
Detector, Smoke	A detector which is capable of detecting smoke.
Detector, Smoke & heat	A detector that is intended to detect smoke and heat.
Dimmer	A device in the electric circuit for varying the luminous flux from lamps in a lighting installation.
Diode, Light emitting	A (semiconductor) diode that radiates light in the visible region. Used in alphanumeric displays and as an indicator or warning lamp.
Disc, Rupture	A disk that burst when pressure in a liquid or gas pipe/container reaches a predetermined level.
Dispenser, Beverage	drinks.
Dispenser, Ice	A device or machine for creating and dispensing ice, either in cube or crushed form.
Dispenser, Water	A device or machine for dispensing water, either from a permanent source or from bottled water. These can also cool or heat the water as it is dispensed.
Display	A physical object that is intended for presenting information. Normally as a component part of an equipment.
Display, Ex	A hazardous area artifact that is intended for presenting information. Normally as a component part of an equipment.
Door, Fire	A door that is capable of withstanding fire as defined for a particular set of conditions.
Drill, Pillar	on a stand, the floor or workbench. Portable models have a magnetic base that grips the
Drive, Top, Electric	turn may be screwed into a saver sub or the drillstring itself.
Dryer, Air	A device that is intended to remove absorbed liquid or water vapour below saturation state.
Dryer, Tumble, Electric	the load.
Eductor	A form of suction pump; a device using a high pressure jet of water to create partial vacuum at an intake opening to draw liquid from a sump.
Elbow, Specification	An artefact that is intended to make a change in the direction of a pipe run between 0 and 135 degrees. Manufactured in accordance with a client specification.
Electromagnet	A magnet that is a piece of soft iron surrounded by a coil of wire, through which a current of electricity may be passed, rendering the iron temporarily magnetic.
Element, Filter	A physical object that is the part of a filter assembly that is made from filter media.
Element, Flow	A device located in a flowstream measuring the flow. This is solely the measuring element, and can be combined with a flow transmitter or display.
Element, Flow, Coriolis	one can calculate the volume passing through. Named as the Coriolis Effect. These calculations
Resistance	temperature.

Enclosure	contact with live or moving parts.
EPIRB	rescue operations.
Exchanger, Heat, Plate	A heat exchanger using plates as the device for separating the two fluids and across which the energy is transferred.
Exchanger, Heat, Shell & tube	heat transfer.
Extender, KVM	come as a two unit kit, i.e. transmitter and receiver.
Extinguisher, Fire, Portable	A fire extinguisher which is suitable for being transported.
Fan	Is an artefact intended to deliver or exhaust volumes of vapour or gas at low differential pressure.
Fan coil unit	the space where it is installed. It is controlled either by a manual on/off switch or by thermostat
Fan, Electric	Is an electrical driven artefact intended to deliver or exhaust volumes of vapour or gas at low differential pressure.
Fan, Hydraulic	Is an hydraulic driven artefact intended to deliver or exhaust volumes of vapour or gas at low differential pressure.
Ferrule	onto cables or hoses, in order to fix and hold the end connections in place.
Filtration Unit	A device containing one or several filters internally connected with eventually all necessary piping, valves and indicators etc. assembled in a framework.”
Fixture, Emergency lighting	necessary for fixing and protecting the lamps and, where necessary, circuit auxiliaries together
Fixture, Emergency lighting, Ex	themselves, all the parts necessary for fixing and protecting the lamps and, where necessary, c
Fixture, Lighting	necessary for fixing and protecting the lamps and, where necessary, circuit auxiliaries together
Fixture, Lighting, Ex	themselves, all the parts necessary for fixing and protecting the lamps and, where necessary, ci
Flange, Blind, Specification	A pipe flange that is without a central opening and used to shut off a flanged pipe end. Manufactured in accordance with a client specification.
Flange, Screw on, Specification	specification.
Specification	with a client specification.
Flange, Weld neck, Specification	A pipe flange (connection profile) where the non-flanged end is a hub or neck with a butt welding end. Manufactured in accordance with a client specification.
Floodlight	A projector providing a beam of intense illumination.
Flowmeter	device, which is not made up from a flow element and a flow transmitter.
Frame	A physical object that is an open structure of beams or bars.
Fryer, Electric	A kitchen appliance with a container for frying food, where the cooking medium is heated using electrical elements.
Gasket, Ring type joint	A pipe flange gasket that is intended to be mounted in the ring joint groove of a ring joint gasket contact face.
Specification	A pipe flange gasket that is intended to be mounted in the ring joint groove of a ring joint gasket contact face. Manufactured as per a client specification.
Gateway, Media	them to computer networks with different network architectures and protocols
Gauge, Diff.pressure	A gauge measuring and indicating differential pressure
Gauge, Level	A gauge that is intended to display a representation of a measured level.
Gauge, Level, Magnetic	the tube.
Gauge, Pressure	A gauge intended to measure and display a representation of a measured pressure
sealed	A 'pressure measuring gauge' where the 'sensing element' is a 'diaphragm pressure sensing element'.
Gauge, Strain	pattern etched onto the backing. As the object is deformed, the foil pattern is deformed, causing
Gearbox	gearbox and through the internal configuration of two or more gear-wheels, provides a given output
Generator, Pulse	occurring at a definite repetition frequency.
Gland, Cable	A support which supports a cable in a feedthrough where the cable is to be terminated.
Gland, Cable, Ex	A support which supports a cable in a feedthrough where the cable is to be terminated. Designed to be installed in an hazardous area.
Glass, Break	A thin glass plate, easy breakable with your finger tips or a little hammer tool.
Glass, Sight	A physical object that is transparent and intended for viewing a vessel or piping system interior.
Grill, Electric	A culinary broiler, characterised by very high temperature overhead infrared heating elements applying heat directly to the food, which is powered by electricity.
Grille	from a room.
Handle, Door	A mechanism attached to a door, operated by the hand, and used to open or close a door.
Handset	hear the audio sound, a microphone to transmit the voice, and possibly other components or functions
Heater, Electric	A heater which converts electrical energy to heat energy.
Heater, Electric, Ex	A heater which converts electrical energy to heat energy. Designed to be installed in an hazardous area.

Hoist, Chain, Electric	A hoist powered by an electric motor, utilising a chain for suspending load.
Hoist, Chain, Hand powered	A hand powered hoist utilising a chain for suspending load.
Hoist, Trolley, Electric	An electrically powered hoist for suspending the load, and incorporating a built-in monorail trolley intended for travelling along the lifting beam.
Holder, Door, Electric	A holder for keeping a door in either the open or the closed position, by means of an electro-magnetic device.
Hood, Acoustic	A hood lined with sound-absorbing material to facilitate the use of a telephone station by reducing the ambient noise level.
Hood, Smoke	A hood to be carried on the head capable of making man able to breath in an atmosphere filled with smoke.
Hood, Ventilation	filtration and fed back into the room.
Hose	A tubular which is flexible and capable of conveying fluids under pressure.
Hose assy	A physical object consisting of a hose of a certain length, with fitted connections at one or both ends.
Housing, Bearing, Flanged	bulkheads.
Housing, Filter	pressure without changing volume
Humidifier	An artefact which is a unit for supplying moisture to an air stream to maintain a desired humidity condition within a room or building.
Incubator	An apparatus used to hatch eggs or grow microorganisms under controlled conditions.
Indicator, Ex	An hazardous area protected artifact which gives a visual indication of a measured value.
Interface Unit	A unitised device with the capability of making independent and/or unrelated systems to meet and act on or to communicate with each other.
Ironer, Roller	A machine that uses heated rollers to flatten clothing and other material based objects, to remove creases and crinkles.
Jacket, Life	to be inflated or from a foam inner material.
Joint, Flexible expansion	A joint between two pipe ends which can move in an axial direction as well as take up the expansion from the pipes.
KVM Unit	switch between them. Can be a single panel mount unit, or a tray/drawer (as in a server rack) which when
Lamp, Indicator	A lamp that is a luminous signal indicating operating conditions.
Lamp, Lantern	A lamp special made for warning and information in the sea and air trafic.
Lamp, Signal	A lamp which is activated when some signal is given in a system.
Light, Inspection, Ex	A hazardous are rated hand held light fitting/assembly designed to use a light bulb or lamp to produce an unfocused artificial source of light.
Light, Recessed	A luminaire concentrating the light, usually recessed in the ceiling.
Light, Signal, Ex	An hazardous area object or apparatus designed to emit a light signal.
Lighter	A portable device filled with a flammable fluid or pressurised liquid gas and used to generate a flame.
Lighter, Electric	A fixed device using an enclosed heating element, for the purpose of lighting cigarettes, etc.
Loudspeaker	An electroacoustic transducer that converts an electric signal into sound.
Luminaire	parts necessary for fixing and protecting the lamps and, where necessary, circuit auxiliaries toget
Machine, Engraving, Electric	surface without going any substantial depth into it.
Machine, Exercise	An exercise machine is any machine used for physical exercise.
Machine, Grinding	An artefact which is intended to wear down, polish, or sharpen by the abrasive action of a high-speed grinding wheel or disc.
Machine, Lapping	metal seal components for form an extremely smooth or polished finish.
Machine, Milling	A machine tool used to machine solid objects, that moves the workpiece radially against the rotating milling cutter, which cuts on its sides as well as its tip.
Manifold, Valve	A physical object that is an assembly of a manifold chamber with several openings and valve(s), which can be individually opened and closed.
Media, Filter	biological filter.
Meter, Multi-function	with a MULTIMETER, which is a moveable device used for measuring electrical values by an engineer.
Mixer, In-line	A mixer which is bolted or otherwise secured within a pipeline, and mixes the separate fluids together using the natural flow of the fluids through the artefact.
Module, Interface	functional units, defined by functional characteristics, signal characteristics, or other charact
Monitor, Firewater	The firewater discharge controller.
Monitor, Vibration	A device which monitors and reports on vibration conditions and parameters, as processed from data relayed from one or more vibration sensors.
Monitor, Video	independently to tune into an over-the-air broadcast.
Motor, Electric	Is an electric rotating machine intended to convert electric energy into mechanical energy.
Motor, Electric, Ex	An electric motor which is designed to be installed in hazardous areas.
Motor, Hydraulic	A motor that is intended to generate power by means of high pressure oil.

Nipple, Hose	inserted into a hose and secured.
Nozzle, Spray, Firewater	A nozzle designed to deliver water for fire fighting applications, as either a jet, spray or mist.
Nut, Hexagonal	A nut that has a hexagonal shape. Hexagonal nuts are often called Standard Hexagonal Nuts and must not be confused with Heavy Hexagonal Nuts.
Orifice plate, Flow	An orifice plate which restrict the flow and thus develops the differential pressure that is proportional to the square of the flow rate.
Orifice plate, Restriction	An orifice plate intended to restrict the flow of substance inside the pipe.
Electric	A combination food cooking oven, comprising the facilities of a conventional dry heat oven and a steamer oven.
PAGA	Is a Public Address and General Alarm system.
Panel, Control	A panel containing full set of indicating devices and remote control units required for operation of a system or part of it.
Panel, Control, Electric	An instrument panel containing a set of indicating devices and control units required for electrical operation of a system or part of it.
Panel, Control, Hydraulic	An instrument panel containing a set of indicating devices and control units required for hydraulic operation of a system or part of it.
Panel, Louvre, Acoustic	A louvre panel which also contains sound deadening properties.
Panel, Patch	A termination panel that houses cable connections.
Pipe, Specification	client specification.
Platform, Boarding	A platform designed for boarding personnel onto a vessel.
Plug, Blanking	of pressure.
Plug, Blanking, Ex	isolating or hold back some form of pressure.
Plug, Blanking, Specification	of pressure. Manufactured in accordance with a client specification.
Plug, Drain, Breather Ex	proof safety required by a hazardous area environment.
Point, Call, Addressable	Addressability is the ability of a digital device to individually respond to a message sent to many similar devices.
Potentiometer, Ex	A hazardous area rated variable resistor with one or more intermediate tappings allowing fractions of the voltage across the resistor to be obtained.
Power supply unit, Electric	A physical object intended to supply electric power according to specified levels and tolerances.
Uninterruptible	power failure.
Preamplifier	clearance above noise level.
Printer, Inkjet	A printer that creates a digital image by propelling droplets of ink onto paper.
Printer, Label	A printer using various formats to create characters and/or images directly onto labels only.
Printer, Thermal	A printer that uses heat to create the letters or images, onto paper that has been coated with a material that changes colour on heating.
Probe, Proximity	An element intended to sense proximity sometime called a Keyphasor®
Processor, Food	An electric kitchen appliance used for chopping, mixing, or puréeing foods.
Protector, Surge	A physical object that is protecting against a large but momentary increase in the voltage of an electric circuit.
Pump, Centrifugal	Is a dynamic pump which contains impellers provided with vanes to generate centrifugal force to achieve the required pressure head.
Pump, Diaphragm	atmosphere.
Pump, Electric	the type of pump is unknown.
Pump, Gear	as reverse flow seal.
Pump, Piston	A reciprocating pump that uses a piston in order to discharge a pressurized liquid
Pump, Plunger	heads.
Pump, Screw	Is a rotary pump which contains one or more meshing screws within a casing to form liquid cavities that are transported axially from suction to discharge.
Pump, Vane	of a pump chamber. The vanes can be located either in the stator or rotor.
Rack	A mechanical structure intended to receive a number of pieces of basically standardized modular equipment
Rack, Gear	A straight bar like device with gear teeth on one edge, that mesh with a spur gear in order to form a rack & pinion arrangement.
Racker, Pipe	vice versa.
Radome, Radar	A radome for sheltering a radar antenna and providing a benign environment for related electronics.
Raft, Life	A device that is a structure of floating elements, like inflated bodies or similar, for the rescue of persons in emergency situations on water.
Receiver, Fibre optic	A device that is capable of receiving a fibre optic signal, especially where the signal is converted to a different signal form.
Receiver, Photoelectric	distance, absence or presence of an opaque object as it interrupts the light beam.
Receiver, Radio	An artefact that converts radio waves into sound or other intelligible signals.

Reducer, Cable conduit, Ex	A hazardous area approved cable conduit section intended to join cable conduit sections of different diameters.
Reel, Hose, Manual	A manual operated movable or fixed hose reel capable of holding a hose.
Refrigeration unit	A unit consisting of a compressor, evaporator, heat pump, etc, which is the part that cools the air for circulating through a refrigerator, freezer or cooling device.
Refrigerator	cooling the contents to a temperature below ambient.
Regulator, Flow	A regulator that normally uses the differential pressure principle across an orifice to control the valve trim and/or regulate flow.
Regulator, Pressure	A regulator that is controlling/regulating the pressure in a system.
Regulator, Thermostatic mixing	A regulator that maintain and limit mixed hot liquid to a desired, selectable temperature.
Relay	system controlling the device.
Relay, Solid state	An electrical relay in which the intended response is produced by electronic, magnetic, optical or other components without mechanical motion.
Relay, Thermal, Ex	the electric current appearing in the protected equipment.
Relay, Time delay	energized.
Repeater, Radio	A device which retransmits received signals after amplification and any specified processing, usually with frequency translation.
Resonator, Acoustic	A mechanical resonator that generates sound waves of specific tones or frequencies.
Rod, Rescue	A rod with some form of hooking device at the end of an electrically isolated pole, used to withdraw an injured worker out of an electrically hazardous area.
Rope	Is an artefact which is a large stout cord of strands of fibers or wire twisted or braided together.
Router, Wireless	more computer networks and forwards packets
Router, Wireless, Ex	path through one or more computer networks and forwards packets.
Sampler	A mechanical device intended to be used to collect and contain representative specimens or selections.
Scales	A mechanical device for measuring the weight or mass of an object.
Seal, Diaphragm	A seal between two substance created of a impenetrable membrane.
Sensor, Dewpoint	water at the same rate at which it evaporates.
Ex	mechanical strain pulse signal from two different magnetic fields as the magnet moves up and down a wave
Sensor, Level, Resistive Ex	a stem or tube in which closely spaced switches and resistors are sealed. When the switches
Sensor, Pressure	An artefact that is an assembly of a pressure element and a pressure sensor body.
Sensor, Rupture disc	A sensor which fits between two flanges, along with a rupture disc. It detects when the rupture disc fails, to consequently trigger an alarm unit.
Separator, Membrane	A mechanical separator that separates substances in a fluid by sorting the substances after the size of their molecules through a membrane.
Separator, Vacuum cleaner	A device propelled by a vacuum cleaner, intended to separate different types of substances from the air flow before it passes into the vacuum cleaner.
Server	A functional unit that provides services to workstations, to personal computers or to other functional units in a computer network
Shackle	retaining bolt or pin.
Shower, Safety	A shower intended for emergency situations.
Shutter, Roller	A device used as a door, or door/window protection, consisting of many horizontal slats (or sometimes bars or web systems) hinged together.
Silencer, Exhaust	an internal combustion engine.
Sleeve	connection between two parts.
Slicer, Electric	slicing machine, deli slicer or just a slicer.
Sling	A flexible strap, rope or chain arrangement, for attaching to artefacts to be hoisted or supported.
Socket outlet, Electric	An electrical connector in which the terminals of an electricity supply are inside holes made to receive the pins of a plug.
Socket outlet, Signal	A communication connector in which the terminals of a signal and low power cable are inside holes made to receive the pins of a plug.
Software	A functional unit that is data, programmes, etc. not forming parts of a computer but used for its operation.
Solenoid, Electric	magnet, instantly drawing the moveable core.
Splice Kit	A collection of tools and consumables, that has been found essential or useful to be collected in a package for splicing a cable, wire rope or fiber rope.
SSAS	(SSAS) complements the International Maritime Organization (IMO)'s attempts to increase maritime ves
Starter, Engine, Electric	consumption of fuel.
Starter, Engine, Hydraulic	the consumption of fuel.
Station, Control	etc, fixed on the same panel or located in the same enclosure. This is a manually operated device f
Strainer	slits.

Suit, Survival	known as Immersion Suit.
Switch, Control	A manual operated switch that serves the purpose of controlling the operation of switchgear or controlgear, including signalling, electrical interlocking, etc.
Switch, Control, Ex	including signalling, electrical interlocking, etc.
Switch, Control, Illuminated	controlgear, including signalling, electrical interlocking, etc.
Switch, Data	A device used to connect multiple networks or segments. Packets are routed to the proper port rather than being broadcast on all ports.
Switch, KVM	reverse, a single PC can be connected to multiple monitors, keyboards, and mice.
Switch, Level, Float	A level switch that is operated by a float.
Switch, Level, Vibrating	change in the output status of the switch when a level of liquid or particulate matter is reac
Switch, Limit	A position switch having a positive opening operation.
Switch, Pressure	A functional switch that (usually) turns an electrical circuit on or off when the pressure level reaches a preset value.
Switch, Proximity	A position switch which is operated without mechanical contact with the moving part.
Switch, Temperature	A switch intended to give a on/off signal when the temperature have reached a preset value
System, Loading, Hose reel	A loading - unloading system that is capable of dispatching substances between a facility and some means of transport. This system uses hoses on hose reels.
System, Tensioner	tension to the artefact.
Tank	A container designed and manufactured to hold atmospheric or low pressure fluid for storage, including gases and vapours above the fluid surface.
Tap	A fluid regulator that controls the flow of liquid or gas from a pipe or container. Taps are often attached to a sink or bath.
Telephone	distant point where it is reconverted into sound.
Telephone, Satellite	including voice, short messaging service and low-bandwidth internet access.
Television	screen and providing the associated sound.
Tester, Detector	A tool for testing the operation of detecting devices, by replicating or mimicking the characteristics of the media being detected, e.g. Flame, Heat, Smoke, etc.
Tester, Detector, Ex	Designed to be used in a hazardous area.
Thermistor	Thermistors are normally semiconductors, while RTDs use pure metal.
Thermocouple	the Seebeck effect in a circuit formed by connecting the other ends of the dissimilar materia
Thermometer	alcohol, that expands and rises in the tube as the temperature increases.
Thermometer, Bimetallic	spiral, is used to actuate a pointer.
Thermostat	A device actuated by temperatures that regulates and controls dampers, valves, switches or other mechanisms.
Thermowell, Flanged	With a flanged collar which is attached to a mating flange.
Thermowell, Screwed	Screwed into the process.
Thermowell, Welded	Welded directly into the process.
Tong, Power	A hydraulically powered, large-capacity, self-locking system of wrenches, used to grip drill string components and apply torque.
Transceiver, Broadband, Satellite	voice and data simultaneously, as used for data transmission and access to the internet.
Transceiver, Fibre optic	A transceiver, in which fibre optic is used for transmission or reception.
Transceiver, Photoelectric	detecting the distance, absence or presence of an opaque object as it interrupts the light beam.
Transceiver, Radio	A transceiver which has the methods of signalling through space, without connecting wires.
Transceiver, Radio, Portable	A radio transceiver which is portable and has the methods of signalling through space, without connecting wires.
Transceiver, Radio, Portable Ex	A radio transceiver which is portable and is designed for use in hazardous areas and has the methods of signalling through space, without connecting wires.
Transformer, Instrument	A transformer intended to transmit an information signal to measuring instruments, meters and protective or control devices.
Transformer, Power	different values and at the same frequency for the purpose of transmitting electrical power.
Electric	measured level
Transmitter, Dewpoint	A facility for measuring dew point and transmitting a signal representing the measured temperature.
Transmitter, Fibre optic	A device that is capable of transmitting a fibre optic signal, especially where the signal was originally converted from a different signal form.
Transmitter, Flow, Electric	A transmitter that is producing a standardized electrical output signal dependent of a received input signal from a flow sensor.
Transmitter, Level, Capacitive	A level transmitter which utilize the capacitance of the processed material to detect level.
Transmitter, Level, Conductivity	A transmitter that is producing a standardized output signal dependent of a received input signal from a conductivity meter.
Magnetostrictive	via a mechanical strain pulse signal from two different magnetic fields.

Transmitter, Level, Radar	A level transmitter which measure with a radar principle with High frequency
Transmitter, Level, Ultrasonic	A level transmitter which uses ultrasonic sound to measure a level and transmit a signal proportional to the measured level.
Transmitter, Photoelectric	absence or presence of an opaque object as it interrupts the light beam.
Transmitter, Pressure, Electric	A pressure transmitter measuring pressure and generating a standardised electrical output signal representing the detected pressure.
Electric	A temperature transmitter that is generating a standardized electrical output signal representing the received input signal from the temperature sensor.
Transmitter, Vibration	A transmitter of which the output is proportional to a measured vibration.
Ex	aviation, GPS or SAR transponders.
Trolley, Monorail, Hand powered	A lifting beam trolley designed for a mono rail.
Trolley, Pneumatic	A trolley which is powered or operated using compressed air.
Tube, Capillary	A liquid filled tube acting as link between the sensing point and the measuring instrument in a process.
Tube, Perforated	A tube flexible or rigid with holes in.
Tyre, Vehicle	road while providing a flexible cushion that absorbs shock.
Valve, Ball	A rotary valve that has a ball closure member.
Valve, Ball, Control	flow completely, their main design purpose is for flow management and not for isolation.
Valve, Butterfly	flow direction.
Valve, Check	A valve which has a closure member which responds automatically to the fluid flow permitting fluid to flow in one direction only.
Valve, Directional, Manual	hung diaphragm, piston, slide disc, flapper, lever and the two most common poppet and spool.
Valve, Directional, Pneumatic	distinguished. Floating diaphragm, hung diaphragm, piston, slide disc, flapper, lever and the tw
Valve, Directional, Solenoid	diaphragm, hung diaphragm, piston, slide disc, flapper, lever and the two most common popp
Valve, Float	external float which is directly connected to the flow control component.
Valve, Gate	direction of flow.
Valve, Globe	able to control flow by being partially open, this will result in closure member components bein
Valve, Globe, Control	is in the form of an adjustable Plug-type (or similar) element and stationary ring seat arran
Valve, Needle	A globe valve that has a closure member with the shape of a conical plug (needle) which closes into a small seat.
Valve, Pilot	A secondary valve that activates/operates a main valve. A small valve that controls a limited-flow control feed to a separate piloted valve.
Valve, Pressurised sleeve	pressure allows the flow to push the sleeve aside, and thereby opens the valve.
Valve, Relief, Balanced bellows	closing pressure, and relieving capacity).
Valve, Relief, Conventional	A pressure relief valve that has its closing force provided by a spring.
Valve, Relief, Pilot operated	A pressure relief valve that uses a pilot valve to indirectly activate the main valve.
temperature	A relief valve which operates at a specific set pressure, and/or a specific set temperature, which ever level is achieved first.
Valve, Solenoid	flow is switched on or off.
Valve, Thermostatic expansion	refrigerant in an evaporator relative to the temperature and pressure inside the evaporator.
Vent, Air	An inlet opening where the air flow can be regulated. Typically used in HVAC ducts that are exposed through a wall or ceiling.
Vent, Gas, Float	gas to escape from the system. This artefact is NOT a relief valve.
Vessel, Pressure	An unfired closed container designed and manufactured to hold a fluid at a different pressure to that of the surrounding pressure without changing volume.
Voltmeter	A detecting instrument for measuring the pressure of electricity in volts.
Wheel, Gear	An artefact which is a toothed wheel used in conjunction with another, or with a rack, to transmit motion.
powered	hoisting/lowering a load from below using pulley systems.
Winch, Rope drum, Hydraulic	horizontally or hoisting/lowering a load from below using pulley systems.