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gait pattern identification - a crime scene processing technique in which measurements are made of the distances between footprints..

galvanic skin response - a change in the electrical resistance of the skin. It is one of three physiological changes measured by the galvanograph component. Changes of body tissue polarization (neural discharge) and sweat gland activity or circulatory variations which occur as the result of work, emotion, or a combination of either, are recordable. Two metal plates attached to the fingers of the subject pick up the change in electrical resistance.

galvanograph -

galvanometer -a device that records the measurements on the polygraph chart.

gambling - staking or wagering money or other thing of value on a game of chance, or on an uncertain event.

gang lock - a locking mechanism with multiple bolts which locks different openings simultaneously by a single action.

[ASIS PSPSG 2007]

garage door lock - a rim lock mechanism designed for use on an overhead door, which mechanism has a spring loaded bolt which automatically locks the door's bolt mechanism.

[ASIS PSPSG 2007]

gas chromatograph intoximeter - a trade name of a breath testing device used to determine alcohol concentrations in the blood of persons suspected of being under the influence of alcohol.

gas chromatography (GC) - a laboratory technique for analyzing gas, liquid, and solid samples. Also called **gas liquid chromatography (GLC)**.

gas detector - a sensor that can detect the presence of specific gases or vapors and initiate an alarm.

gas neutralizer - a product used in riot control operations to neutralize the effect of tear gases. It is usually packaged as an aerosol spray and issued to police personnel.

gateway - a device for providing isolation and controlling the flow of information between a computer system and authenticated users on networks connected to the system. A gateway permits or denies passage of authenticated users to network destinations.

gearshift lock - a lock attached to a vehicle's gearshift to immobilize it.

gelatin dynamite - a type of commercial dynamite made of nitro cotton (collodion cotton dissolved in nitroglycerin) and nitroglycerin gel. It is usually sticky and rubber-like in appearance.

general alarm - the announcement of an evacuation or readiness alert throughout a facility.

general pardon -

general series test - in polygraphy, a series of questions typically comprised of a combination of relevant, irrelevant, and control questions.

general view photograph - a photograph of the general area surrounding a crime scene or of immediately adjacent areas. It shows the scene in relation to its surroundings and is usually taken at eye level in order to give the viewer a perspective similar to that of witnesses to the incident.

generic name - the chemical description of the drug class rather than a commercial brand or trade name for the same compound. The generic name is usually given by the company that first manufactures it and is often a simplified version of the chemical name.

geophone - an intrusion sensor usually sealed in an insulating material and mounted on a fence or underground. It senses frequencies transmitted through the earth that are the result of activity below ground or on the surface.

ghosting - multiple images caused by video signal transmission echoes.

giga - ten to the ninth power: 1,000,000,000 in decimal notation. When referring to storage capacity, two to the thirtieth power: 1,073,741,824 in decimal notation.

gigahertz (GHz) - one billion cycles per second. Microwave frequencies extend from 1000 megahertz to values expressed in gigahertz.

glare projected lighting - security lighting that projects light into the face of the potential intruder, and protects guards by keeping them in comparative darkness.

glass break sensor - an electronic detector that evaluates the sound frequencies generated by breaking glass. Also called **glass break detector**. Contact-type sensors can be mounted directly on the glass; acoustical detectors listen for soundwaves.

glass examination. A crime lab analysis of glass. Fracture patterns can provide valuable information as to direction of breaking force. A physical match of two pieces of glass results in an opinion that they came from a common source to the exclusion of all other sources. Penetration of glass panes by bullets or high-speed projectiles

produces a cone pattern from which the direction and some idea of the angle of penetration can be determined. The type of projectile can also sometimes be determined. By an examination of stress lines on radial cracks near the point of impact, the direction of the force used to break the glass can be determined. (END

glazed bricks - bricks which bear a glossy appearance and indicate that a fire was enhanced by an accelerant.

global positioning system (GPS) - a triangulation system where signals are sent and received back and forth, through a central monitoring system, from a set of 3 to 12 or more geostationary satellites orbiting above the earth. These signals allow for exact location of a selection position.

glazing - transparent or translucent material used in windows or doors to admit light.

good faith effort - in equal employment opportunity programs, actions taken, being taken, or about to be taken for the purpose of achieving equal employment opportunity within an organization.

good time - the amount of time deducted from time to be served in prison on a given sentence contingent upon good behavior or awarded automatically by statute or regulation. When correctional authorities deduct time from a prison or jail sentence, often to reward or to encourage good behavior, good time is given to the inmate. When the good time is tied to a specific action, such as working in a prison industry or performing a meritorious act, the time deducted from the sentence is called earned time.

good time law - permits the release of prisoners before the expiration of their sentences because of good behavior while in prison.

goodwill - the value of a business which has been built up through the reputation of the business concern and its owners.

Grade A system - a U.L specification for an alarm signaling system that will respond to both an increase and a decrease in either resistance or current within certain limits.

Grade AA system - an alarm signaling system that provides line security beyond the UL specification.

Grade B system - an alarm signaling system that provides supervision of the protection circuit but does not conform to the full requirements of a Grade A System.

Grade BB system - an alarm signaling system that provides additional line security but does not meet the UL specification for a Grade A System.

graded systems - alarm signaling systems that are rated by Underwriters Laboratory (UL) in terms of line security.

graft - coerced or voluntary payments made to influence public officials.

grain confetti -small paper taggants added to grain in storage for the purpose of identifying stolen grain and discouraging grain theft. Each paper taggant bears a code indicating source and ownership.

grand mal seizure - a major epileptic seizure attended by loss of consciousness and generalized involuntary body movements; an attack, suffered in epilepsy, during which the patient becomes unconscious, develops bluish discoloration (cyanosis) of the skin and lips due to lack of oxygen, and experiences convulsions.

grand master key - a key designed to operate all locks under several master keys in a system.

great grandmaster key - a key which opens locks of a system having more than one grandmaster key.

grenade -

graphic annunciator - a mimic board or CRT display that has special graphics to delineate alarm zones or sensor locations. It presents an overall picture of a system's status on a map or facility outline and depicts the location and current reporting condition of each sensor.

graphical user interface (GUI) - an interface that gives directions to a computer's operating system so that use can be made of pull- down menus, folders, and icons.

graphologist - a person who analyzes handwriting or handprinting for the purpose of making conclusions concerning the personality or character of the writer.

grazing -the consumption on store premises of edible or consumable merchandise by customers or employees.

grid search - a search for evidence of an outdoor scene in which the area is divided into grids that are separately and thoroughly examined.

grooves - cavities cut into the barrel of a firearm which impart to the bullet a spiraling motion in flight.

gross earnings - an accounting term which is arrived at by subtracting the cost of goods sold from the total sales.

gross minus - the accumulation, during a sales period, of all negative amounts (such as refunds, allowances, or discounts) entered or calculated in sales transactions at the point of sale terminals.

gross plus - the accumulation, during a sales period, of all positive amounts (such as merchandise prices, taxes, or discounts) entered or calculated in sales transactions at the point of sale terminal.

gross profit - net earnings before expenses.

gross negligence - intentional failure to perform a duty in reckless disregard of consequences that may affect the life or property of another; the lack of even slight or ordinary care.

ground - electrical connection with the earth or an object that makes such a connection.

ground fault - a malfunction of a circuit caused by contact with electrical ground.

ground fault interrupter - a device that automatically switches off power if there is a variance in current between the positive and grounding wires of more than a given limit.

ground loop - a conductive path formed by two or more grounded points in an electrical system. The conductive path renders all or part of the protective circuit ineffective.

ground wire - a conductor leading from a device to an earth ground connection.

guard - onsite security officer who comprises the response function in a physical protection system, and

guard tour- Also called **watchtour**.

guardtower -

guard bar - a series of two or more cross bars, generally fastened to a common back plate, to protect the glass or screen in a door.

guard bolt - a spring loaded bolt which, when activated, will deadlock a latch bolt.
[ASIS PSPSG 2007]

guard dog - a dog used to guard property by deterring intrusion.

guard plate - a piece of metal attached to a door frame, door edge, or over the lock cylinder for the purpose of reinforcing the locking system against burglary attacks.

guardian - one who has the control or management of the person, property, or both, of another, who because of infancy, insanity, or other reason is incapable of acting in his or her own behalf.

guide - that part of a flat key lever lock which connects the nose to the foot and supports the key blade.

[ASIS PSPSG 2007]

guilt complex question - in polygraphy, a question pertaining to a purely hypothetical crime. It is used as a safeguard against misinterpreting the pertinent question responses of an innocent apprehensive person.

guilty plea - a defendant's formal answer in court to the charge contained in a complaint, information, or indictment, admitting that he or she did in fact commit the offense listed.

guilty verdict - the decision by jury or judicial officer on the basis of evidence presented at trial, that the defendant is guilty of the offense for which he or she has been tried.

gunshot residue analysis - the examination of residues taken from the clothing or hands of a person believed to have discharged a firearm. On clothing, the examination is done in two ways: (1) by microscopic examination of the area surrounding the hole for gunpowder particles and gunpowder residues, smudging, and singeing; and (2) by chemical processing to develop a graphic representation of powder residues and lead residues around the hole. Test patterns can be compared with those produced at various distances using the suspect weapon and ammunition like that used in the case.

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