10. (a) (i) *Award [1] for each hardware security measure identified up to [1 max].*

        Retina scans;
        Locked doors;
        Alarms;
        Protection of equipment within the building;   **[1]**

    (ii) *Award [1] for each software security measure identified up to [1 max].*

        Use of passwords;
        Different access rights;
        Encryption;   **[1]**

(b) *Award [1] for each network security measure identified up to [1 max].*

    Encryption;
    UserID;
    Trusted MAC addresses;   **[1]**

(c) *Award [3 max].*

    In case of leaks (depending on severity of problem) which could cause pollution (any environmental problem);
    Computer control system can react quickly/turn on and off appropriate devices immediately/many times in a short interval of time/(increased efficiency);
    Computer control systems are very reliable (will not be tired / will not lose concentration);
    (can continue to operate reliably 24 hours a day, 7 days a week) (increased level of safety);
    Control systems are reasonably cheap to run comparing to the cost involved in situations which can harm environment (and human health) (reduction of costs);   **[3]**

(d) *Award [4 max].*

    Input from flow/pressure sensors is analog;
    AD convertors are used to convert this analog data into digital form;
    Processor performs / logical and arithmetical / operations;
    The result of processing is in digital form so it should be converted (by AD convertors) into analog form;
    This signal is sent to output transducers (a device that converts energy from one form to another) (for example, alarm sounds in the office);   **[4]**