Claims

1. A facility for supplying a working gas, equipped with an isolation enclosure and with a door pivotable about a vertical axis X in order to enable said enclosure to be opened and closed, comprising at least one source of a pressurized working gas, said source being arranged in the isolation enclosure, and comprising a device for distributing a working gas, comprising a set of pipelines linked to at least one working gas source and to at least one output pipeline for routing the working gas to a consumer station, functional components, in particular valves arranged in the pipelines and used to regulate the flow of the working gas in said pipelines, and gas leak detectors, and a monitoring and control unit comprising means for communicating with said functional components, means for monitoring tasks relating to said functional components, and means for managing the monitoring means that are able to be actuated by an operator of the distribution device, said management means comprising a touchscreen having control zones associated with the monitoring of corresponding tasks, characterized in that said touchscreen is attached to a housing integrated into the door, said housing being able to and designed to pivot about a vertical axis Y.

2. The facility as claimed in the preceding claim, characterized in that the touchscreen has main control zones associated with the monitoring of corresponding tasks, which main control zones being delineated by graphics associated with said tasks.

3. The facility as claimed in either of the preceding claims, characterized in that the touchscreen comprises, for at least one main control zone, at least one secondary control zone associated with said at least one main zone and relating to an instruction for monitoring the task corresponding to said at least one main control zone, said at least one secondary control zone being delineated by a graphic associated with said instruction and displayed on said touchscreen only in the event of activation of said corresponding main control zone by an operator.

4. The facility as claimed in one of the preceding claims, characterized in that the touchscreen comprises a first region reserved exclusively for said main control zones and a second region separate from said first region and intended for said secondary control zones.

5. The facility as claimed in one of the preceding claims, characterized in that the touchscreen furthermore comprises a third region separate from said first and second regions and reserved for displaying an item of information relating to a main control zone activated by an operator.

6. The facility as claimed in one of the preceding claims, characterized in that the management means additionally comprise means for signaling, on the touchscreen, a control zone activated by an operator.

7. The facility as claimed in one of the preceding claims, characterized in that a task monitored by the monitoring means relates to the management and in particular to the display, on the touchscreen, of the alarms detected by the functional components, and in that one of the main control zones of the touchscreen is a zone for activating the display of the alarms that are raised.

8. The facility as claimed in one of the preceding claims, equipped with measuring sensors, in particular for measuring the pressures prevailing in the pipelines, characterized in that a task monitored by the monitoring means relates to the evaluation of the measured values captured by said measuring sensors and to the display of said values on the touchscreen, and in that one of said main control zones is a zone for activating the display, on the touchscreen, of the measured values that are captured.

9. The facility as claimed in one of the preceding claims, equipped with measuring sensors, in particular for measuring the pressures prevailing in the pipelines, characterized in that the management means comprise means for storing a block diagram showing the device for distributing the working gas and the valves arranged therein, in that a task monitored by the monitoring means

relates to the evaluation of the measured values captured by said sensors and to the joint display, on the touchscreen, of the block diagram of the distribution device, which block diagram is recorded in said storage means, and of said measured values captured by the sensors, and in that one of said main control zones is a zone for activating the display, on the touchscreen, of the block diagram with the measured values that are captured.

10. The facility as claimed in one of the preceding claims, characterized in that it comprises two sources of working gas, said sources being gas cylinders.

11. The facility as claimed in one of the preceding claims, characterized in that the management means are able to and designed to be controlled remotely, by way of a WiFi connection, by a tablet, a smartphone or a portable computer with a screen having at least the control zones as defined in the preceding claims.

12. The facility as claimed in one of the preceding claims, characterized in that an emergency stop button is attached to said housing, said housing being situated at a height of less than 1.70 m from the ground.

13. The facility as claimed in one of the preceding claims, characterized in that the size of the touchscreen is less than 12 inches, preferably less than 6 inches.