

HSE-manager

About this document

This document is about how to properly configure HSE-manager by editing the main "Config.php" configuration file, and, also about other related questions, like how to change (if needed), some default images used by HSE-manager.

Main configuration file

The HSE-manager main configuration is placed in the below route:

```
\hsemanager\Humm\Sites\Main\Config\Config.php
```

You must open that file with a text editor, preferably something like Notepad++, then you can see the file, which contains PHP code, highlighted, which can help you when edit the file, for example, to see that certain configuration constant is properly configured or if something like a comma are missing.

In addition to this documentation, the "Config.php" file is also commented, so every configuration constant have the right comment to try to help you when set the configuration constant. Of course, take this file also as the place to get more information about the configuration constants.

How the constants are set?

What you can expect in the referred "Config.php" file are PHP constants, which looks like the below one:

```
\define('HUMM_LANGUAGE', 'de');
```

Now note about what we are talking about here: the above configuration constant's name is HUMM_LANGUAGE, and, the value that we set is "de". Other constants names and values are defined exactly in the same way.

HUMM_LANGUAGE

The **HUMM_LANGUAGE** configuration constant determine the default language in HSE-manager. HSE-manager is multilanguage, and can have one or more languages availables. Any of these languages can be configured as the default one, which is the used before the user change it, if they wanted.

The value for this constants is by default "de", which is the ISO 639-1 code for the german language. Look at the below folder in the HSE-manager installation:

```
\hsemanager\Humm\Sites\Main\Locale\
```

Inside that language you can see by default subfolders like "de", "en", etc. Then, the **HUMM_LANGUAGE** configuration constant can be set to any of the available languages, that is, any of the subfolders that you can see in the "Locale" directory referred above.

Below you can see how the **HUMM_LANGUAGE** configuration constant appear in the "Config.php" file:

```
\define('HUMM_LANGUAGE', 'de');
```

HUMM_ACTIVE_PLUGINS

The **HUMM_ACTIVE_PLUGINS** configuration constant can be internally used by the framework behind HSE-manager, but, certainly right now you no need to set any value to this particular configuration constant.

By default, right now, we do not use any Humm PHP plugins, so the constant's appear is an empty string.

Below you can see how the **HUMM_ACTIVE_PLUGINS** configuration constant appear in the "Config.php" file:

```
\define('HUMM_ACTIVE_PLUGINS', '');
```

HUMM_SHOW_ERRORS

The **HUMM_SHOW_ERRORS** configuration constant is internally used by the framework behind HSE-manager, and, their value can be changed for debugging purposes. You can simply ignore this configuration constant.

By default this constant's value is "true", which means that Humm PHP (the internal PHP framework behind HSE-manager), must shown any possible error which occur.

Below you can see how the **HUMM_ACTIVE_PLUGINS** configuration constant appear in the "Config.php" file:

```
\define('HUMM_SHOW_ERRORS', true);
```

HUMM_DATABASE_DSN

The **HUMM_DATABASE_DSN** configuration constant determine the database and host that must be used by HSE-manager. Note that the DSN string can define a MySQL or a MS SQL database connection, since HSE-manager support these both database engines.

By default this constant's value is "mysql:host=localhost;dbname=hsemanager", which is the Database Connection String used while HSE-manager is developed.

Below you can see how the **HUMM_DATABASE_DSN** configuration constant appear in the "Config.php" file:

```
//\define('HUMM_DATABASE_DSN', "odbc:Driver={SQL
Server};Server=DECONE\SQLEXPRESS;Database=hsemanager");
\define('HUMM_DATABASE_DSN', 'mysql:host=localhost;dbname=hsemanager');
```

HUMM_DATABASE_USER

The **HUMM_DATABASE_USER** configuration constant determine the database's user name which HSE-manager must use when connect with the database specified above with the **HUMM_DATABASE_DSN** configuration constant.

By default this constant's value is "root", which is the database's user name while HSE-manager is developed. **Please, if you are using something like "root" as the user... change it!**

Below you can see how the **HUMM_DATABASE_USER** configuration constant appear in the "Config.php" file:

```
\define('HUMM_DATABASE_USER', 'root');
```

HUMM_DATABASE_PASS

The **HUMM_DATABASE_PASS** configuration constant determine the database's password which HSE-manager must use when connect with the database specified above with the **HUMM_DATABASE_DSN** configuration constant.

By default this constant's value is an empty string, which is the database's password while HSE-manager is developed. **Please, if you are using something like an empty string as the password... change it!**

Below you can see how the **HUMM_DATABASE_PASS** configuration constant appear in the "Config.php" file:

```
\define('HUMM_DATABASE_PASS', '');
```

APP_DATABASE_NAME_PREFIX

The **APP_DATABASE_NAME_PREFIX** configuration constant is intended to be used if the HSE-manager database tables contains the database name as their prefix.

Suppose, for example, a MS SQL database name "hse_manager_db" and the "workers" database table. In MS SQL, it's possible that the "workers" table become "hse_manager_db.workers", including the database name as a prefix for the table name.

So this configuration constant allows to specify the right database name prefix, wich in the above example is "hse_manager_db".

Fortunately, for MySQL installations, this configuration constant works too. That is, even if the database tables are not really prefixed by the database name, we can continue using the "hse_manager_db." prefix without problems.

Note these things however:

1. This constant's value must end with a dot, so if your database name is "database", this constant's value must be "database.", without the quotes, with an end dot after "database".
2. This constant's value cannot contain some special characters like hyphens: "-".

Below you can see how the **HUMM_DATABASE_PASS** configuration constant appear in the "Config.php" file:

```
\define('APP_DATABASE_NAME_PREFIX', 'hsemanager.');
```

APP_API_SECRET_KEY

The **APP_API_SECRET_KEY** configuration constant is intended to be used by the HSE-manager HTTP API, so any external app who want to communicate with HSE-manager using the HTTP API, need to know this API secret key.

This constant's value must be something like a good and strong password.

Below you can see how the **APP_API_SECRET_KEY** configuration constant appear in the "Config.php" file:

```
\define('APP_API_SECRET_KEY', 'pjpOPWOSMlpio21j0p9jeOPIn29j');
```

APP_DEFAULT_TIME_ZONE

The **APP_DEFAULT_TIME_ZONE** configuration constant determine the time zone that HSE-manager must use. This constant's value can be one of the available time zones from the list that you can see in this PHP documentation web page: <https://www.php.net/manual/timezones.php>

Note that this constant determine only the default value for the time zone, that is, also it's possible to change the time zone to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_TIME_ZONE** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_TIME_ZONE', 'UTC');
```

APP_DEFAULT_DATE_FORMAT

The **APP_DEFAULT_DATE_FORMAT** configuration constant determine the way in which HSE-manager manage date information around the app. So, for example, we can establish that the dates must be shown like year-month-day, or shown like day-month-year.

This constant's value expect to be a valid "date format" string. To know all the possible "date format" options you can see this PHP documentation web page: <https://www.php.net/manual/function.date.php>

Note that this constant determine only the default value for the date format, that is, also it's possible to change the date format to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_DATE_FORMAT** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_DATE_FORMAT', 'd.m.Y');
```

APP_DEFAULT_TIME_FORMAT

The **APP_DEFAULT_TIME_FORMAT** configuration constant determine the way in which HSE-manager manage time information around the app. So, for example, we can establish that the times must be shown like hour:minutes, or shown like hour:minutes:seconds AM/PM.

This constant's value expect to be a valid "time format" string. To know all the possible "time format" options you can see this PHP documentation web page: <https://www.php.net/manual/function.date.php>

Note that this constant determine only the default value for the time format, that is, also it's possible to change the time format to be used from the HSE-manager options page. In fact your can choose the right time zone to be used from a list in the referred options page.

Below you can see how the **APP_DEFAULT_TIME_FORMAT** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_TIME_FORMAT', 'H:i:s A');
```

APP_DEFAULT_IS_QNAP_DEVICE

The **APP_DEFAULT_IS_QNAP_DEVICE** configuration constant determine if the installation of HSE-manager is running in a QNAP device. You must set this constant's value to "true" if HSE-manager run in a QNAP device. Internally this means various things, for example, the way in which the worker's details are printed differs if HSE-manager is running in a QNAP device or not.

Note that this constant determine only the default value, that is, also it's possible to determine if HSE-manager is running or not in a QNAP device from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_IS_QNAP_DEVICE** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_IS_QNAP_DEVICE', false);
```

APP_DEFAULT_ALLOW_CHANGE_THEME

The **APP_DEFAULT_ALLOW_CHANGE_THEME** configuration constant determine if, by default, the user can change, from the user's profile page, the app's GUI theme, by choosing one of the availables.

Note that this constant determine only the default value for the option, that is, also it's possible to determine if allows or not to change the theme by the user from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_ALLOW_CHANGE_THEME** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_ALLOW_CHANGE_THEME', true);
```

APP_DEFAULT_SMTP_HOST

The **APP_DEFAULT_SMTP_HOST** configuration constant establish the SMTP host to be used when the app need to send E-Mails, for example, the E-mail that we can send to the worker from the worker's details page, with the registered information for that worker.

Note that this constant determine only the default value for the option, that is, also it's possible to determine the SMTP host to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_SMTP_HOST** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_SMTP_HOST', '');
```

APP_DEFAULT_SMTP_USER

The **APP_DEFAULT_SMTP_USER** configuration constant establish the SMTP user (for authentication) to be used when the app need to send E-Mails, for example, the E-mail that we can send to the worker from the worker's details page, with the registered information for that worker.

Note that this constant determine only the default value for the option, that is, also it's possible to determine the SMTP user to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_SMTP_USER** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_SMTP_USER', '');
```

APP_DEFAULT_SMTP_PASSWORD

The **APP_DEFAULT_SMTP_PASSWORD** configuration constant establish the SMTP password (for authentication) to be used when the app need to send E-Mails, for example, the E-mail that we can send to the worker from the worker's details page, with the registered information for that worker.

Note that this constant determine only the default value for the option, that is, also it's possible to determine the SMTP password to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_SMTP_PASSWORD** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_SMTP_PASSWORD', '');
```

APP_DEFAULT_SMTP_PORT

The **APP_DEFAULT_SMTP_PORT** configuration constant establish the SMTP port (for connection) to be used when the app need to send E-Mails, for example, the E-mail that we can send to the worker from the worker's details page, with the registered information for that worker.

Note that this constant determine only the default value for the option, that is, also it's possible to determine the SMTP port to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_SMTP_PORT** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_SMTP_PORT', 25);
```

APP_DEFAULT_VALID_UNTIL_DATE_DELTA_DAYS

The **APP_DEFAULT_VALID_UNTIL_DATE_DELTA_DAYS** configuration constant establish the valid until date delta days, which determine how old workers registries must be removed from the app.

Basically, if the current worker's valid until date value, plus the specified delta days, are in the past, the worker reigstry is considered old and then is automatically deleted.

Note that this constant determine only the default value for the option, that is, also it's possible to determine the value of the valid until date delta days to be used from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_VALID_UNTIL_DATE_DELTA_DAYS** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_VALID_UNTIL_DATE_DELTA_DAYS', 90);
```

APP_DEFAULT_DETAILS_ON_UNIQUE_IDNR

The **APP_DEFAULT_DETAILS_ON_UNIQUE_IDNR** configuration constant determine the app's behaviour when we search for a worker in the workers' table and the match is one only registry, in particular, if this constant's value / option value is "true", and a search's results consits of only one record (one worker), then the app automatically redirect to such worker's details page.

Note that this constant determine only the default value for the option, that is, also it's possible to determine referred behaviour by check or uncheck the referred option from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_DETAILS_ON_UNIQUE_IDNR** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_DETAILS_ON_UNIQUE_IDNR', true);
```

APP_DEFAULT_WORKER_TABLE_REFRESH_INTERVAL

The **APP_DEFAULT_WORKER_TABLE_REFRESH_INTERVAL** configuration constant determine the number of seconds in which the worker's table must be automatically refreshed (in background) to see possible changes in the workers' state (inside / outside).

By default this constant's value and their counter part app's option are set to zero, which mean that the workers' table are not automatically refreshed.

Note that this constant determine only the default value for the option, that is, also it's possible to set the auto refresh interval from the HSE-manager options page.

Below you can see how the **APP_DEFAULT_WORKER_TABLE_REFRESH_INTERVAL** configuration constant appear in the "Config.php" file:

```
\define('APP_DEFAULT_WORKER_TABLE_REFRESH_INTERVAL', 0);
```

APP_USE_LOGS

The **APP_USE_LOGS** configuration constant determines if the app must log (in the "logs" database table) certain operations made by the users, like when a new worker has been inserted, removed, etc. By default this constant's value is "true", set to "false" if you don't wanted to use the log feature.

Below you can see how the **APP_USE_LOGS** configuration constant appear in the "Config.php" file:

```
\define('APP_USE_LOGS', true);
```

APP_ALLOWED_IPS

The **APP_ALLOWED_IPS** configuration constant allows to restrict the HSE-manager app to be used only by certain IP addresses. You can establish this constant's value with one or more IP addresses (separated by commas), in order to allow to use the app only from that specified IPs.

But default this constant's value is an empty string, which mean that the app can be used from any IP.

Below you can see how the **APP_ALLOWED_IPS** configuration constant appear in the "Config.php" file:

```
\define('APP_ALLOWED_IPS', '');
```

APP_ALLOWED_HOSTS

The **APP_ALLOWED_HOSTS** configuration constant allows to restrict the HSE-manager app to be used only from certain host. You can establish this constant's value with one or more host names (separated by commas), in order to allow to use the app only from that specified hosts.

But default this constant's value is an empty string, which mean that the app can be used from any host.

Below you can see how the **APP_ALLOWED_HOSTS** configuration constant appear in the "Config.php" file:

```
\define('APP_ALLOWED_HOSTS', '');
```


Default images to be used

HSE-manager uses certain images like one to be assigned to workers who don't have a photo already assigned. The HSE-manager header menu's logo, the footer logo, there are some images that may be changed by others, in order to be used instead of the original ones.

The folders that you must watch

There are two folders in every installation of HSE-manager who contains some images that can be changed in order to be used instead the original ones.

The first folder can be found in the below path, considering that "hsemanager" is the root directory of the installation of HSE-manager:

/hsemanager/Humm/Sites/Main/Views/Images/App/

```
/hsemanager/Humm/Sites/Main/Views/Images/App/
```

Inside the above directory you can found the below image files:

1. Brand.png
2. Footer.png
3. FavIcon.ico and FavIcon.png
4. Template_Paper_SIEMENS.png

Brand.png

The Brand.png file is used in HSE-manager in their header menu. You can change this image in order to use another one, taking on consideration the place in which the image is used, and, that the image size can be at least of 130 pixels width.

Footer.png

The Footer.png file is used in HSE-manager in their pages' footer. You can change this image in order to use another one, taking on consideration the place in which the image is used, and, that the image size can be at least of 200 pixels width.

FavIcon.ico and FavIcon.png

The FavIcon.ico and FavIcon.png images are used in HSE-manager to be shown by the browsers in their title bars. If the ICO and PNG are squares, probably you can use even other sizes than the original images, for example, an ICO file of 32x32 pixels instead of the original 64x64 pixels.

Template_Paper_SIEMENS.png

The Template_Paper_SIEMENS.png image file is a bit special, in the sense that they are not intended to be used in the HSE-manager app's GUI, like the above described images.

The referred "/hsemanager/Humm/Sites/Main/Views/Images/App/" folder can contain one or more of this kind of "templates", which are "certificates templates", to be used by HSE-manager when create workers' certificates.

Note the name of the included sample image: "Template_Paper_SIEMENS.png". Here "SIEMENS" correspond with the worker's "company to visit" field.

So, if we want to use a template for a "company to visit" named "SHELL", we can / must prepare an image in the referred folder, with the name: "Template_Paper_SHELL.png".

Take a look at the Template_Paper_SIEMENS.png as a sample of what is expected by the app.

/hsemanager/Humm/Sites/Main/Views/Images/Workers/

```
/hsemanager/Humm/Sites/Main/Views/Images/workers/
```

Inside the above directory you can found the below image files:

1. WorkerDefault.png

WorkerDefault.png

The WorkerDefault.png image is used, for example, in the workers' table page, or the worker's details page, for workers who doesn't have assigned a photo yet. If you want it's also possible to change this image by other, respecting (more or less) the original image dimensions.

/hsemanager/Humm/Sites/Main/Views/Images/Signotec/

```
/hsemanager/Humm/Sites/Main/Views/Images/Signotec/
```

Inside the above directory we can found several images related with the Signotec devices, which can be integrated by HSE-manager. Probably you don't want to change the images contained in this folder, however, the same images can show you how to proceed, that is, may you want to change the colors used in the images, but, anyway, you must always respect their dimensions, since they must be used by the referred Signotec hardware devices, not specifically by HSE-manager.

Default print templates

HSE-manager allows to prepare one or more site's print templates to use when print worker's details. These print templates are composed by HTML and CSS, and, some HTML and CSS code is used by default, that is, when we start to create a new site's print template.

The folder that you must watch

You can find the default HTML and CSS for the site's print templates in the below directory:

/hsemanager/Humm/Sites/Main/Views/Files/Templates/

```
/hsemanager/Humm/Sites/Main/Views/Files/Templates/
```

Inside the above directory you can found the below image files:

1. sample.css
2. sample.html

sample.css

This file contains the CSS code used by default when start to create a new site's print template. Feel free to change the CSS code of this file to be used instead of the default one.

sample.html

This file contains the HTML code used by default when start to create a new site's print template. Feel free to change the HTML code of this file to be used instead of the default one.

PHP INI configuration for badges and certificates

There are various ways to create worker's badges and certificates from HSE-manager. We can use the app's API, for example, to create a complete worker's certificate.

Also the HSE-manager regular GUI offer various ways to create certificates: we can, for example, using a Signotect device to create a worker's certificate from the worker's details page.

Badges creation from the GUI

From the HSE-manager's workers' table page, we can see that every worker row have at the right one Worker's details dropdown menu button. One of the element of that dropdown menu button is "Create badge".

When we press in the referred menu's element, the worker's badges creation page appear, and we can choose one of the previously upload sites' badges, in order to create the worker's badge.

Badges' configuration

The badge file that you upload from the site's edit page it's a template. We want to place in that template the right worker's information like first name, second name, etc., and, in the right template based position.

In the HSE-manager top Sites menu, you can see a couple of elements:

Sites' badges

Sites' badges (INI)

The first one allow you to edit the badges positions using a visual editor, however, at the time that this documentation is written, the visual editor is not complete, so cannot be used.

The second entry, that is, Sites' badges (INI), allows to configure every uploaded site's badge using a PHP configuration file (see bellow) which contains the right variables to positioning the different elements of the badge, like the worker's name, second name, etc.

Also worker's certificates

Ok. All the above it's valid also to create worker's certificates. You can upload a badge's template image, that, in fact, can be a certificate template. Then you can use the same Sites badges (INI) editor in order to configure that certificate template.

The configuration file

Every badge and certificate template can be configured using a PHP file like the below one. This file is placed at the "hsemanager/Humm/Sites/Main/Procedural/badge_certificate_config.php" for your convenience, so you can use it when you need to configure a new badge or certificate.

Note that the below file is heavily commented, take the comments as part of this documentation:

```
<?php

// Notes:

// $badge and $certificate are variables availables here to create font's colors.
// You no need to set these variables here: they are properly set by HSE-manager.

// This configuration file can be used for both badges and certificates creation.
// There is no differences at this level: if you don't want to use certain variable,
// just comment it: in other case it's used for both badges and certificates creation.

// So you can't have a configuration file for badges and other for certificates? Yes,
// of course you can. Just place the right variables in separate files: everything
// must continue working, since non present variables are just ignored.

// BEGIN OF THE WORKER'S IDNR CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's IDNR X (left) position (Just comment this variable if you
// don't want to print out the worker's IDNR)
$uid_x = 200;

// Required: set the worker's IDNR Y (top) position
$uid_y = 382;

// Optional: set the font size for the worker's IDNR: default is 19
```

```
$uid_size = 19;

// Optional: set the color for the worker's IDNR: default is black
$uid_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S IDNR CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S FIRST NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's first name X (left) position (Just comment this variable if
you don't want to print out the worker's first name)
$firstname_x = 59;

// Required: set the worker's first name Y (top) position
$firstname_y = 760;

// Optional: set the font size for the worker's first name: default is 19
$firstname_size = 19;

// Optional: set the color for the worker's first name: default is black
$firstname_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S FIRST NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S SECOND NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's second name X (left) position (Just comment this variable if
you don't want to print out the worker's second name)
$secondname_x = 59;

// Required: set the worker's second name Y (top) position
$secondname_y = 810;

// Optional: set the font size for the worker's first name: default is 19
$secondname_size = 19;

// Optional: set the color for the worker's first name: default is black
$secondname_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S SECOND NAME CONFIGURATION FOR BADGES AND CERTIFICATES
```

```
// ---

// BEGIN OF THE WORKER'S FULL NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's full name X (left) position (Just comment this variable if
you don't want to print out the worker's full name)
$fullname_x = 59;

// Required: set the worker's full name Y (top) position
$fullname_y = 760;

// Optional: set the font size for the worker's full name: default is 19
$fullname_size = 19;

// Optional: set the color for the worker's full name: default is black
$fullname_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S FULL NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S COMPANY CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's company X (left) position (Just comment this variable if you
don't want to print out the worker's company)
$usercompany_x = 59;

// Required: set the worker's company Y (top) position
$usercompany_y = 860;

// Optional: set the font size for the worker's company: default is 19
$usercompany_size = 19;

// Optional: set the color for the worker's company: default is black
$usercompany_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S COMPANY CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S BARCODE CONFIGURATION FOR BADGES AND CERTIFICATES
```

```
// Required: set the Barcode X (left) position (Just comment this variable if you don't
want to print out the worker's Barcode)
$barcode_x = 970;

// Required: set the Barcode Y (top) position
$barcode_y = 400;

// Optional: set the font size for the Barcode: default is 70
$bcfontsize = 70;

// Optional: set the angle for the Barcode: default is 270
$barcode_angle = 270;

// Optional: set the Barcode font color: default is black
$barcode_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S BARCODE CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S BARCODE'S TEXT CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the Barcode's text X (left) position (Just comment this variable if you
don't want to print out the worker's Barcode's text)
$bcnum_x = 500;

// Required: set the Barcode's text Y (top) position
$bcnum_y = 270;

// Optional: set the font size for the Barcode's text: default is 25
$bcnum_size = 25;

// Optional: set the angle for the Barcode's text: default is 270
$bcnum_angle = 270;

// Optional: set the Barcode's text font color: default is black
$bcnum_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S BARCODE'S TEXT CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S PHOTO SOURCE CONFIGURATION FOR BADGES AND CERTIFICATES
```

```
// Required: set the worker's photo source X (left) position (Just comment this variable if
you don't want to print out the worker's photo)
$at_certificate_x = 59;

// Required: set the worker's photo source Y (top) position
$at_certificate_y = 262;

// Required: set the worker's photo source W (width) size
$at_certificate_w = 300;

// Required: set the worker's photo source H (height) size
$at_certificate_h = 450;

// END OF THE WORKER'S PHOTO SOURCE CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S PHOTO DESTINY CONFIGURATION FOR BADGES AND CERTIFICATES (Just
comment this variable if you don't want to print out the worker's photo)

// Required: set the worker's photo destiny X (left) position
$from_idpic_x = 0;

// Required: set the worker's photo destiny Y (top) position
$from_idpic_y = 0;

// Required: set the worker's photo destiny W (width) size
$from_idpic_w = 300;

// Required: set the worker's photo destiny H (height) size
$from_idpic_h = 450;

// END OF THE WORKER'S PHOTO DESTINY CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S COURSE TITLE CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's course title X (left) position (Just comment this variable if
you don't want to print out the worker's course title)
$title_x = 450;

// Required: set the worker's course title Y (top) position
$title_y = 939;
```



```
// Optional: set the font size for the worker's course title: default is 19
$title_size = 19;

// Optional: set the color for the worker's course title: default is black
$title_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S COURSE TITLE CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S VALID UNTIL DATE CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's valid until date X (left) position (Just comment this
variable if you don't want to print out the worker's valid until date)
$valid_x = 450;

// Required: set the worker's valid until date Y (top) position
$valid_y = 1029;

// Optional: set the font size for the worker's valid until date: default is 19
$valid_size = 19;

// Optional: set the color for the worker's valid until date: default is black
$valid_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S VALID UNTIL DATE CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S TEST DATE CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's test date X (left) position (Just comment this variable if
you don't want to print out the worker's test date)
$date_x = 450;

// Required: set the worker's test date Y (top) position
$date_y = 1619;

// Optional: set the font size for the worker's test date: default is 19
$date_size = 19;

// Optional: set the color for the worker's test date: default is black
$date_color = imagecolorallocate($badge, 0, 0, 0);
```

```
// END OF THE WORKER'S TEST DATE CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S SITE NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's site name X (left) position (Just comment this variable if
you don't want to print out the worker's site name)
$site_x = 149;

// Required: set the worker's site name Y (top) position
$site_y = 1619;

// Required: set the site name to be printed out
$site_name = 'Site name';

// Optional: set the font size for the worker's site name: default is 19
$site_size = 19;

// Optional: set the color for the worker's site name: default is black
$site_color = imagecolorallocate($badge, 0, 0, 0);

// END OF THE WORKER'S SITE NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE WORKER'S SITE NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// Required: set the worker's QR code X (left) position (Just comment this variable if you
don't want to print out the worker's QR code)
$qrc_x = 150;

// Required: set the worker's QR code Y (top) position
$qrc_y = 448;

// Required: set the worker's QR code W (width) size
$qrc_w = 250;

// Required: set the worker's QR code H (height) size
$qrc_h= 250;

// END OF THE WORKER'S SITE NAME CONFIGURATION FOR BADGES AND CERTIFICATES

// ---
```

```
// BEGIN OF THE WORKER'S COMPANY TO VISIT CONFIGURATION FOR BADGES AND CERTIFICATES

// Optional: used for the badge / certificate file name. You can place here a string to be
// used, like "SIEMENS".
// If you comment this variable or if empty, HSE-manager uses the worker's company to visit
// field.
// If the worker's company to visit is empty, we use the default "NO_COMPANY" string.
$company_to_visit = '';

// END OF THE WORKER'S COMPANY TO VISIT CONFIGURATION FOR BADGES AND CERTIFICATES

// ---

// BEGIN OF THE DOCUMENT KIND CONFIGURATION FOR BADGES AND CERTIFICATES

// Optional: used to prepare the badge and certificate file name. You can set this variable
// to "paper" or "badge".
// If you comment this variable or if empty, HSE-manager uses "paper" by default.
$document_kind = '';

// END OF THE DOCUMENT KIND CONFIGURATION FOR BADGES AND CERTIFICATES

?>
```

The same configuration for both badges and certificates

The above configuration file can be for both badges and certificates. We can use just some of the variables (badge related, for example) and remove the others (certificate related), or just use the file like the above, but commenting the right variables in order to don't print out certificate's information in a badge or viceversa.