EHS Environment, Health and Safety

SAP R/3 Enterprise
Release 470x200

Release Notes
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16 EHS  

Environment, Health and Safety

16.1 Structure Changes in the IMG for EH&S

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the structure of the Implementation Guide (IMG) for the SAP component Environment, Health and Safety (EH&S) has changed. To transfer these changes to the project IMG, you must generate a new project IMG.

The new IMG structure makes it easier to implement EH&S because all IMG activities that affect all EH&S components are now grouped under the Basic Data and Tools node. The IMG structure now matches the EH&S menu. See Menu (Changed).

The following changes were made:

- The Basic Data and Tools node is new. Under this node, you make the settings for the following EH&S areas:
  - EH&S Native Language Support
  - Environment parameters
  - User exits and user exit parameters
  - Specification management
  - Specification information system
  - Report definition
  - Phrase management
  - Import and export
  - Application Link Enabling (ALE)
  - ArchiveLink
  - Workflow
  - Service administration
  - EH&S Expert
  - EH&S-QM interface
  - Authorization management

- The Hazardous Substance Management node is new. Under this node, you make the settings for the SARA reports. See SARA Reports (New).

- The IMG activities that are now under the Basic Data and Tools node were removed from the existing nodes, particularly from the Product Safety node.

Effects on Existing Data

The changes to the structure of the IMG have no effect on your existing Customizing data.
Effects on System Administration

Basic Data and Tools is the prerequisite for being able to use the other EH&S components. This means, for example, that you must process Customizing for Basic Data and Tools before you implement other EH&S components, regardless of which EH&S components you want to use.

16.2 Menu (Changed)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the menu for the SAP component Environment, Health and Safety (EH&S) has a new structure. This makes navigation easier:

- The Basic Data and Tools node contains the menu options that are required in all EH&S components. These menu options were removed from the nodes of the other EH&S components to reduce the size of the menus.
- The menu structure and the names of the menu options have been consolidated and standardized across the whole of the EH&S menu.

The EH&S documentation and the Implementation Guide have been adapted to match the new menu structure. See Changes to the IMG Structure.

16.3 EHS-BD                  Basic Data and Tools

16.3.1 EHS-BD-SPE              Specification Management

16.3.1.1 APIs for Specifications (Enhanced)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the following new Application Programming Interface (API) function modules are available for reading, modifying, and deleting specification data; they offer better performance and improved interfaces in comparison to the previous API function modules:

- C1F5_SPECIFICATIONS_READ (Read Specification Data)
- C1F5_SPECIFICATIONS_MODIFY (Create or Change Specification Data)
- C1F5_SPECIFICATIONS_DELETE (Delete Specification Data)

These replace the following existing API function modules in the function group C1F2:

- C1F2_SUBSTANCES_CREATE
- C1F2_SUBSTANCES_DELETE
16.3.1.2 Extended Checks for Specifications (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), a Business Add-In (BAdI) is available with which you can define extended checks for specifications that are run at the following places:

- When opening specifications
- When saving specifications
- In specification-material assignment
- In BOM transfer if a specification was determined for a material

Effects on Customizing

You set up the BAdI in Customizing for Basic Data and Tools under BAdI: Extended Checks for Specifications where you will also find more information on the BAdI.

16.3.1.3 Substance Nature (Enhanced)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can check and change the default values for the substance nature in Customizing.

Effects on Customizing

In Customizing for Basic Data and Tools, process the new IMG activity Specify Substance Nature.

16.3.1.4 Determination of the Notification Status (Changed)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), examples of the user exits with which you can determine and check the notification status of specifications are no longer supplied. You can set up this determination and check function much more easily using sets of rules for the EH&S Expert. For more information on how you define sets of rules and secondary data such as the notification status with the EH&S Expert, see the SAP Library for the Basic Data and Tools component under EH&S Expert.

Effects on Customizing
You define user exits in Customizing for Basic Data and Tools under Manage User Exits. There you also set up secondary data determination with the EH&S Expert. For more information on setting up the EH&S Expert, see the IMG section EH&S Expert in the Implementation Guide (IMG) for Basic Data and Tools.

### 16.3.1.5 Table-Based Value Assignment (New)

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can also enter data in table form in the value assignment types of the category Property. This makes it much easier to enter data; for example, you can enter a number of value assignment instances simultaneously using the table.

**Effects on Customizing**

In the standard system, table-based value assignment is available for all value assignment types of the category Property. To be able to use table-based value assignment, you must make the necessary entries under Set Up Table-Based Value Assignment for all value assignment types of the category Property.

Using a Business Add-In (BAdI), you can influence the behavior of the screens for table-based value assignment (see BAdI: Enhancement of Table-Based Value Assignment).

In the application, with table-based value assignment you can choose between value assignment using the table or value assignment using the tab pages. If you want to enter value assignment data using only the tab pages as before, you must enter the function module C107TS_ENTRY in the Scr. Fct. (Entry Function for Screen) field in the IMG activity Specify Value Assignment Types for the respective value assignment types of the category Property.

### 16.3.1.6 Workbench (New)

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), there are various workbenches available for the components of the SAP component Environment, Health and Safety (EH&S). In the workbenches you can access specifications of all specification categories quickly and easily from one central interface, access other objects such as materials, and display and edit all important data.

**Effects on Customizing**

You set up the workbenches in the IMG activity Set Up Workbench.

### 16.3.2 EHS-BD-SIS Specification Information System

#### 16.3.2.1 Workbench (New)
Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), there are various workbenches available for the components of the SAP component Environment, Health and Safety (EH&S). In the workbenches you can access specifications of all specification categories quickly and easily from one central interface, access other objects such as materials, and display and edit all important data.

Effects on Customizing

You set up the workbenches in the IMG activity Set Up Workbench.

16.3.3 EHS-BD-RDF Report Definition

16.3.3.1 EH&S Service Administration (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), EH&S service administration is available, which allows you to control and manage EH&S Expert servers and the generation servers for the Windows Wordprocessor Integration (WWI) program from the SAP system in a productive system.

EH&S service administration handles the following functions:

- Installing new servers
- Starting and stopping
- Reading and changing configuration settings (WWI.INI, configuration of sets of rules)
- File exchange (for example, log files)

For more information, see the SAP Library for the Basic Data and Tools (EHS-BD) component under Tools -> EH&S Service Administration.

Effects on Customizing

EH&S service administration generates the relevant Customizing entries during the installation of WWI generation servers and EH&S Expert servers.

The IMG sections Configuration of Generation PCs and EH&S Expert have therefore been restructured so that you will now find the three installation options (using EH&S service administration, manually as a Windows service, and manually as a console program) together in the same section.

To be able to use EH&S service administration, process the following IMG activities in Customizing for Basic Data and Tools:

- To set up EH&S service administration, the IMG activities in the section Tools -> EH&S Service Administration:
  - Set Up EH&S Management Server
  - Set Up RFC Destination

- To set up WWI generation servers as services:
  Set Up Server Using EH&S Service Administration
o To set up EH&S Expert servers as services:
   Set Up Server Using EH&S Service Administration

16.3.3.2 Report Symbols for Recipe Management (Enhanced)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can assign the correct symbol group to symbols that can be used in document templates for formula data and scope of application data after automatic symbol generation.

Effects on Customizing

You assign the correct symbol group in Customizing for Basic Data and Tools under Adapt Report Symbols for Recipe Management.

See also

For more information about printing formula data on reports, see the SAP Library for the Basic Data and Tools (EHS-BD) component under Repeating Groups for Formulas.

16.3.3.3 WWI Layouting (Enhanced)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), an enhanced version of the Windows Wordprocessor Integration (WWI) program is available for editing document templates, which is now integrated in the SAP R/3 system. In addition, some individual functions were enhanced, for example:

- Parallel display of the document template, the symbol tree, and the tab pages for editing symbols in several windows in one screen
- Logically regrouped symbol tree that can be adapted during editing
- Simplified error handling owing to a permanently visible message window
- Preview for displaying a test generation of reports, acknowledgements of receipt, and cover sheets
- Extract function for editing text fields, for example, on labels
- Improved graphics options
- Variable separators for multiple value assignments

For more information, see the SAP Library for the Basic Data and Tools (EHS-BD) component under Document Template Layout Editing.

Effects on Customizing

To install the new WWI version, process the IMG activities in the IMG section WWI Installation in Customizing for Basic Data and Tools.

SAP AG

SAP System
The following IMG activities are no longer necessary and have therefore been deleted:

- *Set Up RFC Destination*
- *Set Up WWI Menu Language*

The symbol type *Symbol* has been renamed *Specification*, see IMG activity *Check and Specify Report Symbols*.

The symbol type *Description/Phrase* has been renamed *Descriptor*.

16.3.4 EHS-BD-TLS   Tools

16.3.4.1 EH&S Service Administration (New)

**Use**

As of *SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)*, EH&S service administration is available, which allows you to control and manage EH&S Expert servers and the generation servers for the *Windows Wordprocessor Integration* (WWI) program from the SAP system in a productive system.

EH&S service administration handles the following functions:

- Installing new servers
- Starting and stopping
- Reading and changing configuration settings (WWI.INI, configuration of sets of rules)
- File exchange (for example, log files)

For more information, see the SAP Library for the *Basic Data and Tools* (EHS-BD) component under *Tools -> EH&S Service Administration*.

**Effects on Customizing**

EH&S service administration generates the relevant Customizing entries during the installation of WWI generation servers and EH&S Expert servers.

The IMG sections *Configuration of Generation PCs* and *EH&S Expert* have therefore been restructured so that you will now find the three installation options (using EH&S service administration, manually as a Windows service, and manually as a console program) together in the same section.

To be able to use EH&S service administration, process the following IMG activities in Customizing for *Basic Data and Tools*:

- To set up EH&S service administration, the IMG activities in the section *Tools -> EH&S Service Administration*:
  - *Set Up EH&S Management Server*
  - *Set Up RFC Destination*

- To set up WWI generation servers as services:
  *Set Up Server Using EH&S Service Administration*
16.3.4.2 ALE Parameter Filter (Enhanced)

**Use**

As of *SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)*, you have the option of removing or replacing missing specifications using the SAP enhancement C14A0003 when updating specifications using *Application Link Enabling* (ALE).

**Effects on Customizing**

You edit the SAP enhancement C14A0003 in Customizing for *Basic Data and Tools* under Specify Additional Table and Parameter Filter (2).

16.3.4.3 Export of EH&S Reports (Enhanced)

**Use**

As of *SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)*, you have the option of exporting EH&S reports using a program based on various criteria. This new function is also available in the existing function for exporting individual reports from the report information system.

**Effects on Customizing**

In Customizing for *Basic Data and Tools*, process the IMG activity Report Export by Program: Check Additional Settings.

**Note:**

In the user exit for generating the export orders (user exit category SRE_SUBSEQ, user exit name EHS_DOKX_E), the existing standard function module CVE9_RDO_DOKX_EXPORDS was replaced by the new standard function module CVE9_RDO_SUBSEQUENCE_EXPORT. The user exit is used in report export from the report information system (see Report Export (Dok-X): Check Additional Settings) and in report export by the program.

**See also**

For more information about report export, see the SAP Library for the *Basic Data and Tools* component under Report Export by Program.

16.4 EHS-SAF    Product Safety

16.4.1 DataSources for Data Extraction to BW (New)
Use

As of **SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)**, new DataSources are available for data extraction to the **SAP Business Information Warehouse** (SAP BW). Using these you can extract data from the **Incident/Accident Management** (EHS-IHS-IA) and **Specification Management** (EHS-BDE-SPE) components.

Together with the Business Content that is delivered for target groups in the areas of industrial hygiene and safety, product safety, and hazardous substance management, you can create the following reports in BW, for example:

- Inventory list for fire department
- Hazardous substance inventory
- Evaluations of the incident/accident log, for example, on the number of persons injured per year or the number of reportable events per year

This Business Content will be available to you from SAP BI Content 3.3 Add-On.

**Effects on Customizing**

To extract data from **specification management**, you must process the IMG activity Configure Data Extraction in Customizing for **Basic Data and Tools**.

**See also**

- Release Notes for SAP BI Content 3.3 Add-On
- SAP Library under **SAP NetWeaver -> SAP Business Information Warehouse -> BI Content -> Product Lifecycle Management -> Environment, Health and Safety**

Under this path in the SAP Library you will also find information about the existing Business Content for Dangerous Goods Management. See also SAP Note 428581.

### 16.4.2 Global Label Management (New)

**Use**

As of **SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)** the functions of Global Label Management simplify and automate the creation and determination of appropriate labels. Since a small amount of logistics data, such as a production order number or a material number is sufficient, these functions support in particular, users who are not familiar with the legal requirements for labels. For more information, see the SAP Library for the **Product Safety** component under **Global Label Management**.

**Effects on Existing Data**

You can purchase and use Global Label Management as a project solution for the add-on Release 2.7B of the **SAP Environment, Health and Safety (EH&S)** component. You can continue to use any data you created there as well as all Global Label Management functions in **SAP R/3 Enterprise PLM Extension 2.00** without restrictions.

**Effects on Customizing**
You make the necessary settings for Global Label Management in Customizing for Product Safety in the following IMG activities:

- Specify Label Categories
- Specify Label Sizes
- Specify Size of Label Stock
- Specify Labeling Scenarios
- Set Up Generation Server for Label Generation
- Install Program for Label Printing on Workplace PC
- Transfer and Check Printers
- Specify Serial Numbers
- Specify Secondary Value Determination for Report Symbols
- Specify Values for EPA Numbers, Validity Areas, and Modes of Transport
- Specify Transport Symbol Groups
- Specify Packaging Units
- Specify RFC Connections to Logistics Systems

16.4.3 EHS-SAF-RSH Report Shipping

16.4.3.1 Export of EH&S Reports (Enhanced)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you have the option of exporting EH&S reports using a program based on various criteria. This new function is also available in the existing function for exporting individual reports from the report information system.

Effects on Customizing

In Customizing for Basic Data and Tools, process the IMG activity Report Export by Program: Check Additional Settings.

Note:

In the user exit for generating the export orders (user exit category SRE_SUBSEQ, user exit name EHS_DOKX_E), the existing standard function module CVE9_RDO_DOKX_EXPORDS was replaced by the new standard function module CVE9_RDO_SUBSEQUENCE_EXPORT. The user exit is used in report export from the report information system (see Report Export (Dok-X): Check Additional Settings) and in report export by the program.

See also

For more information about report export, see the SAP Library for the Basic Data and Tools component under Report Export by Program.
16.4.3.2 Logging Report Shipping (Enhanced)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the logging function for report shipping can be made more detailed.

Effects on Customizing
In the IMG activity Specify Environment Parameters, the value range for the environment parameter SRE_DS_TRACE_LEVEL (notification level) was extended so that the log for the report shipping orders can be displayed in different levels of detail depending on the message type.

16.5 EHS-HSM Hazardous Substance Management

16.5.1 DataSources for Data Extraction to BW (New)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), new DataSources are available for data extraction to the SAP Business Information Warehouse (SAP BW). Using these you can extract data from the Incident/Accident Management (EHS-IHS-IA) and Specification Management (EHS-BDE-SPE) components.

Together with the Business Content that is delivered for target groups in the areas of industrial hygiene and safety, product safety, and hazardous substance management, you can create the following reports in BW, for example:

- Inventory list for fire department
- Hazardous substance inventory
- Evaluations of the incident/accident log, for example, on the number of persons injured per year or the number of reportable events per year

This Business Content will be available to you from SAP BI Content 3.3 Add-On.

Effects on Customizing
To extract data from specification management, you must process the IMG activity Configure Data Extraction in Customizing for Basic Data and Tools.

See also
- SAP Library under SAP NetWeaver -> SAP Business Information Warehouse -> BI Content -> Product Lifecycle Management -> Environment, Health and Safety

Under this path in the SAP Library you will also find information about the existing Business Content for
Dangerous Goods Management. See also SAP Note 428581.

### 16.5.2 SARA Reports (New)

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), report programs are available with which you can collate and output all the data you require for the reports that are prescribed by law in the U.S. Superfund Amendments and Reauthorization Act (SARA). In the standard system, the programs provide data for the SARA 311, SARA 312 Tier I, and SARA 312 Tier II reports. For more information, see the SAP Library for the Hazardous Substance Management component under SARA Reports.

**Effects on Customizing**

You make the necessary settings in Customizing for Hazardous Substance Management in the following IMG activities:

- Schedule Report to Determine Hazardous Substance Quantities
- Specify Units for SARA Reports
- Set Up Value Assignment Type for Hazard Classification
- Configure Customizing of Other Components for SARA Reports
- Develop Enhancement for Output of SARA Reports

### 16.6 EHS-DGP

#### Dangerous Goods Management

### 16.6.1 Dangerous Goods Classes 1 and 7 and Dangerous Goods Master Enhancement (New)

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), Dangerous Goods Management has been enhanced to include the processing of dangerous goods classes 1 and 7. All fields required to map explosive dangerous goods (class 1) and radioactive dangerous goods (class 7) are available in the system.

In addition, you can extend the dangerous goods master to include your own fields, and display tab pages for editing and displaying any fields. The extension of the dangerous goods master is supported for filling and distribution. It is not supported for EDI.

For more information, see the application help.

**Effects on Customizing**

You create new tab pages in Customizing for Dangerous Goods Management under Specify Tab Pages in Dangerous Goods Master.
You specify categories of package for packages with radioactive content under Specify Categories of Package.

### 16.6.2 Filling (Changed)

#### Use

As of **SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)**, filling in **Dangerous Goods Management** has changed as follows:

- You can fill multiple component materials. A number of specifications can be assigned to a multiple component material. The Business Add-In (BAdI) supplied allows you to filter out from a group of specifications those that you need for filling. When you activate the BAdI, the system checks which of the specifications is relevant for filling. Only this specification is then filled.
- You can extend the property tree for dangerous goods classifications to include properties that are then taken into account by filling.
- You can use priorities to specify which value assignment instance of a value assignment type is filled. Only one instance can be specified for dangerous goods classifications; for UN-listed substances only one per regulation.
- You can fill up to 15 user-defined dangerous goods texts per regulation - even with different profiles - and link them to output conditions.

#### Effects on Customizing

You set up the filling of multiple component materials in Customizing for **Dangerous Goods Management** under BAdI: Filter Specifications for Filling.

You specify priorities for value assignment instances under Specify Priorities.

You specify the profiles for user-defined dangerous goods texts under Specify Profiles for User-Defined Dangerous Goods Texts.

### 16.6.3 Structure Changes in the IMG for Dangerous Goods Management

#### Use

As of **SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)**, the structure was changed in the Implementation Guide (IMG) for **Dangerous Goods Management**.

The following IMG activities are **new**:

- **Basic Data and Master Data -> Common Settings**: Specify Collective Mode-of-Transport Categories
- **Basic Data and Master Data -> Master Data**: Specify Categories of Package
  - Specify Tab Pages in Dangerous Goods Master
In the Basic Settings section, the IMG activity Specify Environment Parameters was deleted. You now edit the environment parameters directly in Customizing for Basic Data and Tools under Specify Environment Parameters.

The IMG activity Specify Fields for Template and One-Time Material Processing was moved from the Dangerous Goods Checks and Dangerous Goods Documents/EDI -> Common Settings section to the Template and One-Time Material Processing section.

16.6.4 Collective and Base Mode-of-Transport Categories (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), Dangerous Goods Management has been enhanced to cover the concepts of collective mode-of-transport categories and base mode-of-transport categories.

Collective Mode-of-Transport Categories

The previous concept based on the collective mode-of-transport category 99 (All mode-of-transport categories) was extended so that you can specify other collective mode-of-transport categories in any combinations. Note that the dangerous goods regulations you define using collective mode-of-transport categories must not contain any overlaps with respect to the combination of validity area and mode-of-transport category (see Distinction Check).
Base Mode-of-Transport Categories
The concept of base mode-of-transport categories allows you to create your own mode-of-transport categories. You then assign these to predefined base mode-of-transport categories, which are hard-coded in the system. Check that a base mode-of-transport category is assigned to all mode-of-transport categories.

Distinction Check
When new dangerous goods regulations are created, the system checks that the regulations do not overlap with respect to the combination of validity area and mode-of-transport category (distinction).

Effects on Existing Data
- The collective mode-of-transport category 99 (All mode-of-transport categories) is still delivered.
- You must assign existing mode-of-transport categories to a base mode-of-transport category.
- You can let the system check the distinction of existing dangerous goods regulations with the report program DGP_REG_DEFINITION_CHECK.

Effects on Customizing
You assign the mode-of-transport categories to the base mode-of-transport categories in the IMG activity Specify Mode-of-Transport Category.


16.6.5 EH&S Expert Explanation Component (New)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the EH&S Expert was enhanced as follows:

- Explanation component
  The syntax for creating sets of rules was enhanced to include language elements with which you can display in table form how the results were achieved. If you run sets of rules without these explanation definitions, the system generates an explanation that shows the initial state and the final state of the data. You can view the explanation directly following a run of a set of rules or save it with the specification. In this case, the explanation is saved as a user-defined text in its own value assignment type; you can then call the explanation from the specification workbench hit list at any time.

- Inheritance and specification status
  The EH&S Expert sets of rules can also be applied to inheritance relationships in specification management and to the specification status.

Effects on Customizing
You make the necessary settings in the IMG activity Extend Entry in Secondary Data Determination.
16.7 EHS-WA Waste Management

16.7.1 Structure Changes in the IMG for Waste Management

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200) the structure of the Waste Management Implementation Guide (IMG) has changed. You have to generate the project IMGs again in order to copy these changes to them.

Deleted IMG Activities
The IMG node Reporting and the IMG activity Create Report Tree that it contained have been deleted because SAP no longer supports report trees. You can now find report programs from the report tree in the Waste Management menu.

The IMG activities Specify Application Functions and Specify Functions have been grouped together in the IMG activity Specify Functions. The IMG activity Specify Application Functions has been deleted (see Disposal Processing Functions (Enhanced)).

New IMG Activities
Due to the Environment, Health and Safety (EH&S) component’s IMG being restructured, (see Structure Changes in the IMG for EH&S) the IMG activity Set Specification Management for Waste Management has been divided into the following IMG activities:
- Configure Basic Data and Tools for Waste Management
- Configure Product Safety for Waste Management

Moved IMG Activities
The IMG activities Specify Environment Parameters and Manage User Exits are now in Customizing for Basic Data and Tools under Basic Settings (see Structure Changes in the IMG for EH&S).

16.7.2 EHS-WA-PRO Disposal Processing

16.7.2.1 Disposal Processing Functions (Enhanced)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200) the interfaces of the functions for disposal processing are uniform. This enables you to use a function in the application toolbar and function list without having to program different interfaces. From now on, the functions are uniformly described as functions and not functions and application functions.

The functions supplied with the standard system were enhanced as follows:
- The function Create Purchase Order (function module
EHSWA_141_WASTEMVT_CRT_MM_PO) was enhanced as follows:

- When you execute a purchase order for several entry documents with different vendors or outline agreements, the system executes several purchase orders, grouping together in a purchase order the data from the entry documents that contain the same waste and vendors and use the same outline agreement item.

- If you execute a purchase order for several entry documents, but some of these entry documents do not fulfill the requirements for the purchase order, the system executes the purchase order for those entry documents that fulfill the requirements and groups together the data from these entry documents as described above.

- You can now also create a purchase order without a contract, or a purchase order with a contract that has not been released. In both cases, the system issues a warning.

For more information, see the SAP Library for the Waste Management component under Purchase Order.

- Instead of the Clear function, which you use to clear the waste and simultaneously create a purchase order for the disposal, there are now two functions available:
  - You use the new function Clear (function module EHSWA_141_WASTEMVT_OUT_IM) to clear the waste quantity without creating a purchase order.
  - You use the new function Order & Clear (function module EHSWA_141_WASTEMVT_OUT_IM_PO) to clear the waste quantity and create a purchase order for the disposal at the same time.

- Instead of the Cancel Material Document function, there are now two functions available:
  - You use the new function Cancel Clear (function module EHSWA_141_WASTEMVT_CAN_IM_OUT) to reverse the clearing of an entry document. The waste quantity of the entry document is then posted again afterwards.
  - You use the new function Cancel Post (function module EHSWA_141_WASTEMVT_CAN_IM_IN) to reverse the posting of an entry document. The waste quantity of the entry document is not posted afterwards.

- The function Create Document with Approval has been replaced by the new function Create Disposal Document (function module EHSWA_143WM_DISPDOC_CREATE). With this function, you can create a disposal document from disposal processing irrespective of whether a waste approval is required for the disposal document or not (see Creating and Printing Disposal Documents (Enhanced)).

- With the new function Close Entry Document (function module EHSWA_162_WAFUNC_CLOSE) you set the system and user status of an entry document to Closed.

- You use the new authorization object C_EHSW_EAF (Waste Management - disposal processing function) to control which functions the system offers in disposal processing depending on the entry document category.

**Effects on Existing Data**

The functions supplied with the standard system have been adjusted to match the new interface. If you have used these functions, you have to exchange them for the new versions. If you have programmed your own functions, you have to adapt their interfaces.
Effects on Customizing

You no longer define the functions for disposal processing in the separate IMG activities Specify Application Functions and Specify Functions in Customizing for Waste Management, but now under Specify Functions.

16.7.2.2 Creating and Printing Disposal Documents (Enhanced)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200) the following changed and new functions are available to simplify the creation and printing of disposal documents:

- The new function module EHSWA_280_PARAMETER_GET determines the data necessary for printing disposal documents. It determines the data from the symbols, that the report template of the disposal document contains. This function module can be used for all disposal document types and means that you no longer require separate printing modules for the individual disposal document types. If you set up a new disposal document type, you only have to create the report template with the necessary symbols and no longer need a separate function module for each disposal document type for determining data. The field in which you can specify this print module for the disposal document types was deleted in Customizing. The sample templates supplied with the system were adjusted to the new function module. The fields in which you could specify whether the authority-assigned number and the outgoing quantity are output on the disposal documents of a disposal document type have also been deleted from Customizing. If the report template contains a symbol for this data, the new printing module determines this data automatically.

- You can use the new function modules EHSWA_209_CHECK and EHSWA_209_CHECK_BGS to perform checks after the data has been entered for a disposal document of the disposal document type (at PAI). These function modules replace the function module EHSWA_209_PAI.

- Using the new function module EHSWA_143WM_DISPDOC_CREATE you can create and print disposal documents with and without a waste approval from disposal processing. The function module determines from the Customizing settings whether a waste approval is required for the disposal document type. The function module also takes other Customizing settings for the disposal document type into account and performs the relevant checks before the disposal document is created. For example, it checks that the disposal document does not contain more wastes or waste codes than is permitted for the disposal document type. For more information, see the SAP Library for the Waste Management component under Creation of a Disposal Document.

- Since the length of the authority-assigned number of a disposal document is frequently stipulated by law, you can now specify the maximum possible length of this number for each disposal document type in Customizing.

Furthermore, the new function module EHSWA_209_COMPL_WITH_RECAL is also available. This function module sets the status Data Is Complete for selected disposal documents, and recalculates the waste quantities from the disposal documents and enters them on the entry documents from which the disposal documents were created.
Effects on Existing Data

To determine the data for printing disposal documents, the system uses the new function module EHSWA_280_PARAMETER_GET. The system no longer supports other function modules.

To print disposal documents from disposal processing, the system uses the new function module EHSWA_143WM_DISPDOC_CREATE. The function modules from the function group EHSWA_143 are no longer supported.

Effects on Customizing

If you want to use the new sample templates, you have to import them into your system. For more information, see the Implementation Guide (IMG) for Waste Management under Configure Basic Data and Tools for Waste Management.

The Create Document function is supplied with the standard system and you can use it to create disposal documents from disposal processing. This function uses the new function module EHSWA_143WM_DISPDOC_CREATE. If you want to use this function module in your own functions, you have to set this up in the IMG activity Specify Functions, assign the function module to it, and assign your own functions to the entry document categories in the IMG activity Specify Document Categories.

You define the maximum possible length of the authority-assigned number for disposal documents for each disposal document type in the IMG activity Specify Disposal Document Types.

If you want to use the new function module EHSWA_209_COMPL_WITH_RECAL, you have to specify it for a function for disposal documents under Specify Functions. To do this, you can, for example, use the Data Complete function supplied with the standard system and assign the new function module EHSWA_209_COMPL_WITH_RECAL to it, instead of the function module EHSWA_209_COMPL, which is assigned to the function in the standard system.

16.7.2.3 Status of Entry Documents (Changed)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200) an enhanced user status profile as well as user-defined system statuses and business transactions are available in disposal processing for entry documents. Using the assignment of business transactions to the user statuses and to the functions of disposal processing, you can now specify the status an entry document must have so that a function may be executed, and the status the system sets for the entry document after the function has been executed. Since the system now sets the user status automatically when you execute certain functions, and because you can no longer set the user status manually, you can guarantee that entry documents are only given the relevant user status if the appropriate function was actually executed. For example, an entry document is only given the user status Posted if you have actually posted the waste quantity. For more information, see the SAP Library for the Waste Management component under Setting Entry Document Statuses.

Effects on Customizing

The status profile EHS_WMM1 (disposal processing 1) is supplied with the standard system as an example of a user status profile for entry documents. It replaces the currently used status profile and supports the functions of disposal processing. You tailor the status profile to your requirements or set
up new status profiles if required in Customizing for *Waste Management* under Check, Extend, Set Status Profiles. You also assign the business transactions to the user statuses here.

You assign the business transactions to the functions under Specify Functions.

You assign the status profiles to the entry document categories under Specify Document Categories.

16.7.3 EHS-WA-DOC  Disposal Documents

16.7.3.1 Creating and Printing Disposal Documents (Enhanced)

*Use*

As of *SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)* the following changed and new functions are available to simplify the creation and printing of disposal documents:

- The new function module EHSWA_280_PARAMETER_GET determines the data necessary for printing disposal documents. It determines the data from the symbols, that the report template of the disposal document contains. This function module can be used for all disposal document types and means that you no longer require separate printing modules for the individual disposal document types. If you set up a new disposal document type, you only have to create the report template with the necessary symbols and no longer need a separate function module for each disposal document type for determining data. The field in which you can specify this print module for the disposal document types was deleted in Customizing. The sample templates supplied with the system were adjusted to the new function module. The fields in which you could specify whether the authority-assigned number and the outgoing quantity are output on the disposal documents of a disposal document type have also been deleted from Customizing. If the report template contains a symbol for this data, the new printing module determines this data automatically.

- You can use the new function modules EHSWA_209_CHECK and EHSWA_209_CHECK_BGS to perform checks after the data has been entered for a disposal document of the disposal document type (at PAI). These function modules replace the function module EHSWA_209_PAI.

- Using the new function module EHSWA_143WM_DISPDOC_CREATE you can create and print disposal documents with and without a waste approval from *disposal processing*. The function module determines from the Customizing settings whether a waste approval is required for the disposal document type. The function module also takes other Customizing settings for the disposal document type into account and performs the relevant checks before the disposal document is created. For example, it checks that the disposal document does not contain more wastes or waste codes than is permitted for the disposal document type. For more information, see the SAP Library for the *Waste Management* component under *Creation of a Disposal Document*.

- Since the length of the authority-assigned number of a disposal document is frequently stipulated by law, you can now specify the maximum possible length of this number for each disposal document type in Customizing.

Furthermore, the new function module EHSWA_209_COMPL_WITH_RECAL is also available. This function module sets the status *Data Is Complete* for selected disposal documents, and recalculates the waste quantities from the disposal documents and enters them on the entry documents from which the
disposal documents were created.

**Effects on Existing Data**

To determine the data for printing disposal documents, the system uses the new function module EHSWA_280_PARAMETER_GET. The system no longer supports other function modules.

To print disposal documents from disposal processing, the system uses the new function module EHSWA_143WM_DISPDOC_CREATE. The function modules from the function group EHSWA_143 are no longer supported.

**Effects on Customizing**

If you want to use the new sample templates, you have to import them into your system. For more information, see the Implementation Guide (IMG) for Waste Management under Configure Basic Data and Tools for Waste Management.

The Create Document function is supplied with the standard system and you can use it to create disposal documents from disposal processing. This function uses the new function module EHSWA_143WM_DISPDOC_CREATE. If you want to use this function module in your own functions, you have to set this up in the IMG activity Specify Functions, assign the function module to it, and assign your own functions to the entry document categories in the IMG activity Specify Document Categories.

You define the maximum possible length of the authority-assigned number for disposal documents for each disposal document type in the IMG activity Specify Disposal Document Types.

If you want to use the new function module EHSWA_209_COMPL_WITH_RECAL, you have to specify it for a function for disposal documents under Specify Functions. To do this, you can, for example, use the Data Complete function supplied with the standard system and assign the new function module EHSWA_209_COMPL_WITH_RECAL to it, instead of the function module EHSWA_209_COMPL, which is assigned to the function in the standard system.

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**16.8 EHS-HEA Occupational Health**

**16.8.1 Costs (Deleted)**

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the functions for entering the costs and duration of healthcare services are no longer included in the application. They have been removed from all screens in which they were used, which include:

- Basic data for health surveillance protocols and examinations
- Medical service

It is planned that a process for billing of occupational health services will be offered in a later release.

**Effects on Existing Data**

No data will be deleted in the database. Your data will therefore remain untouched.
16.8.2 Authorization Concept (Changed)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), a modified authorization concept applies. You must therefore generate new authorization profiles for your occupational health roles.

The table shows which authorization objects are now invalid and which authorization objects you should now use:

<table>
<thead>
<tr>
<th>Invalid</th>
<th>Now Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>C_EHSH_APP</td>
<td>C_EHSH_DIA</td>
</tr>
<tr>
<td>C_EHSH_EXA</td>
<td>C_EHSH_EXM</td>
</tr>
<tr>
<td>C_EHSH_HRD</td>
<td>C_EHSH_HSP</td>
</tr>
<tr>
<td>C_EHSH_PHC</td>
<td>C_EHSH_PER</td>
</tr>
<tr>
<td>C_EHSH_PPR</td>
<td>C_EHSH_POH</td>
</tr>
<tr>
<td>C_EHSH_ROP</td>
<td>C_EHSH_TES</td>
</tr>
<tr>
<td>C_EHSH_SHD</td>
<td>C_EHSH_QUEUE</td>
</tr>
<tr>
<td>C_EHSH_SOP</td>
<td>C_EHSH_QUG</td>
</tr>
<tr>
<td>C_EHSH_SRV</td>
<td>C_EHSL_FAL</td>
</tr>
<tr>
<td>C_EHSH_SVD</td>
<td></td>
</tr>
<tr>
<td>C_EHSH_TST</td>
<td></td>
</tr>
</tbody>
</table>

Effects on Customizing
Generate your new profiles in Customizing for Occupational Health under Specify Authorizations.

16.8.3 Basic Data (Changed)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the tables for the Occupational Health basic data have changed. The following changes were made:

- Text tables and other dependent tables for Occupational Health objects now contain a start date and end date, as well as other administration data.
- Repeat intervals for health surveillance protocols can now take any time units, for example, day, month, or year.
- Person IDs are filled with leading zeros if their values are purely numerical and are displayed accordingly.

Effects on Existing Data
If you upgrade to this release, you must convert your existing data before you call the functions in Occupational Health for the first time. You do this by running the following report programs:
In addition, you can also condense multiple internal numbers created by the system for a person ID to one single internal personnel number using the report program REHSH_C_PERSON_ID_CONDENSE. All dependent table entries are then also updated accordingly.

See also:
SAP Notes 636841 and 636848

16.8.4 Logging Access to Personal Data (New)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can log accesses and attempted accesses to sensitive personal data. This applies, for example, for the incident/accident log, the injury/illness log, or the medical service.

You require this logging function in Spain to fulfill the legal requirements laid down in the Spanish data protection law Ley organico de protección de datos (LOPD). This law implements the European data protection directive of 1995 in Spain as national law ("Directive 95/46/EC of the European Parliament and of the Council of 24 October 1995 on the protection of individuals with regard to the processing of personal data and on the free movement of such data").

The report program REHS_REG_DAT_TRACK_ANALYSE is available to display and manage the log entries.

Effects on Customizing
To activate access logging, you must edit the environment parameter EHS_REG_DAT_TRACK in the IMG activity Specify Environment Parameters in Customizing for Basic Data and Tools. Read the documentation for the environment parameter in the section entitled "Environment Parameters for Industrial Hygiene and Safety."

16.8.5 Integration of Exposure Profile Rating with Infotype 1403 (New)

Use
As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the report program EHS_IHORG_EG_ADJUSTMENT is available.

With this report program you can transfer ratings from the exposure profile of a work area to the infotype 1403 (Exposure: LTA) of an object from the Organizational Management (PA-OS) component, which is used in the Occupational Health (EHS-HEA) component. This means, for example, that you can transfer the ratings for a work area to an exposure group and therefore only need to enter the data once.

You will find the program in the SAP menu under Human Resources or Logistics and then
Environment, Health and Safety -> Occupational Health -> Reporting -> Exposure Groups -> Transfer Exposure Profile Ratings to LTA Value of Infotype 1403.

See also

For more information, see the documentation for the report program EHS_IHORG_EG_ADJUSTMENT.

16.8.6 EHS-HEA-SRV Medical Service

16.8.6.1 Brief Consultations (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can enter occupational health data collected during a brief visit or consultation quickly and easily in a separate screen.

Effects on Customizing

If you want to use the new function, you must process the IMG activity Specify Protocol Categories in Customizing for Occupational Health.

16.8.6.2 Combining of Health Center Service and Medical Service (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can edit unplanned and planned healthcare services using one common function. To do this, the transaction EHSAMBTAET has been modified and renamed from Health Center Services to Medical Services.

From the Occupational Health menu you can now access the editing screen using the following paths:

- Medical Services -> Edit Medical Services
- Medical Services -> Overview Medical Services

Effects on Existing Data

This change has no effect on your existing data.

16.8.6.3 Vaccinations (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can also enter and document vaccinations with medical services.
Effects on Customizing

If you want to use the function, you must process the following IMG activities in Customizing for Occupational Health:

- Specify Examination Types
- Specify Protocol Categories

16.9 EHS-IHS  Industrial Hygiene and Safety

16.9.1 DataSources for Data Extraction to BW (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), new DataSources are available for data extraction to the SAP Business Information Warehouse (SAP BW). Using these you can extract data from the Incident/Accident Management (EHS-IHS-IA) and Specification Management (EHS-BDE-SPE) components.

Together with the Business Content that is delivered for target groups in the areas of industrial hygiene and safety, product safety, and hazardous substance management, you can create the following reports in BW, for example:

- Inventory list for fire department
- Hazardous substance inventory
- Evaluations of the incident/accident log, for example, on the number of persons injured per year or the number of reportable events per year

This Business Content will be available to you from SAP BI Content 3.3 Add-On.

Effects on Customizing

To extract data from specification management, you must process the IMG activity Configure Data Extraction in Customizing for Basic Data and Tools.

See also

- Release Notes for SAP BI Content 3.3 Add-On
- SAP Library under SAP NetWeaver -> SAP Business Information Warehouse -> BI Content -> Product Lifecycle Management -> Environment, Health and Safety

Under this path in the SAP Library you will also find information about the existing Business Content for Dangerous Goods Management. See also SAP Note 428581.
You will find the program in the SAP menu under Human Resources or Logistics and then Environment, Health and Safety -> Occupational Health -> Reporting -> Exposure Groups -> Transfer Exposure Profile Ratings to LTA Value of Infotype 1403.

See also

For more information, see the documentation for the report program EHS_IHORG_EG_ADJUSTMENT.

16.9.5 Structure Changes in the IMG for Industrial Hygiene and Safety

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the structure of the Implementation Guide (IMG) for Industrial Hygiene and Safety has changed. To transfer these changes to the project IMG, you must generate a new project IMG.

Deleted IMG Activities

Information System -> Edit Information Tree

The contents of the information tree are now integrated in the area menu for Industrial Hygiene and Safety and can be found under Reporting and no longer under Industrial Hygiene and Safety Information System.

You can make changes to the evaluation reports using the function for editing the area menu (transaction SE43N). For more information, see the SAP Library under Area Menu Maintenance.

Moved IMG Activities

Basic Settings -> Specify Environment Parameters

Basic Settings -> Manage User Exits

You now edit these IMG activities in Customizing for Basic Data and Tools (see Structure Changes to the IMG for EH&S).

16.9.6 EHS-IHS-WA Work Area Management

16.9.6.1 Integration of Exposure Profile Rating with Infotype 1403 (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the report program EHS_IHORG_EG_ADJUSTMENT is available.

With this report program you can transfer ratings from the exposure profile of a work area to the infotype 1403 (Exposure: LTA) of an object from the Organizational Management (PA-OS) component, which is used in the Occupational Health (EHS-HEA) component. This means, for example, that you can transfer the ratings for a work area to an exposure group and therefore only need to enter the data once.

You will find the program in the SAP menu under Human Resources or Logistics and then...
See also

For more information, see the documentation for the report program EHS_IHORG_EG_ADJUSTMENT.

16.9.6.2 Integration Objects Contact and Building (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can assign the following new integration objects to work areas in the data integration function:

- Contact (applicant, employee, or external person)
- Building

You can print out integration objects on reports, for example.

The building is also integrated with the Measurement Management (EHS-IHS-MEM) component: When you create a measurement project for a work area to which buildings are assigned, the building marked as the main building is displayed in the basic data for the measurement project.

Effects on Customizing

If you want to use the integration object Building, you must edit the IMG activity Specify Buildings in Customizing for Industrial Hygiene and Safety.

16.9.6.3 Overall Rating and Received Rating (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can determine an overall rating for a work area. This rating makes a statement about the risk potential of the work area as a whole, that is, of all agents present in the work area.

You can also determine a received rating. It reflects the risk potential that results from the work areas that lie one level below the work area in question.

The functions are implemented as Business Add-Ins (BAdIs) and can therefore be enhanced to fulfill your requirements without the need for modifications.

Effects on Customizing

If you want to develop enhancements, you must process the following IMG activities in Customizing for Industrial Hygiene and Safety:

- BAdI: Calculation of Overall Rating
- BAdI: Calculation of Received Rating
16.9.7 EHS-IHS-RSK Risk Assessment

16.9.7.1 Assessment of Tasks (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), in addition to assessing agents, you can now also run a risk assessment for tasks that originate in the Organizational Management (PA-OS) component.

Effects on Customizing

Customizing for the agent types has been extended to include the new agent type TASK.

If you want to use the new agent type, you must run a matchup for the following IMG activities:

- Specify Agent Types
- Assign Functions to Agent Types

16.9.8 EHS-IHS-IA Incident/Accident Management

16.9.8.1 OSHA Recording (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can record work-related injuries and illnesses in accordance with the U.S. Occupational Safety and Health Act (OSHA) and create the required reports.

Effects on System Administration

Process the activities that are described in the Implementation Guide (IMG) for Industrial Hygiene and Safety under Configure OSHA Recording.

See also

For more information on OSHA Recording, see the SAP Library for the Incident/Accident Management (EHS-IHS-IA) component under OSHA Recording (U.S.).

16.9.8.2 Indicator for Reportable Events (New)

Use

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), you can set an indicator to identify reportable events in the header data of the incident/accident log entry. This means you can now also flag events as reportable where no persons were injured. Previously it was only possible to flag events where...
persons were injured (accidents).

You can also develop an enhancement to determine the indicator. For example, the system can assign the indicator if certain criteria are fulfilled.

Effects on Customizing

If you want to develop an enhancement, you must process the Business Add-In (BAdI) Determination of Reportable Event Indicator in Inc./Acc. Log Header in Customizing for *Industrial Hygiene and Safety*.

16.9.8.3 Cause Hierarchy (New)

Use

As of *SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)*, you can assign causes to an event, which you select from one or more cause hierarchies. You access the function by opening the *Investigation* tab page in the respective incident/accident log entry.

A cause hierarchy contains different cause types (such as technical problems, human factors, and so on) on which other cause types, causes, or other influencing factors are dependent in a hierarchical structure with increasing degrees of detail. This structure allows you to perform a cause analysis that is systematic and detailed, and elucidates the various influencing factors.

The cause hierarchy is integrated with the industrial hygiene and safety measure object. This means you can navigate directly from the cause hierarchy to the safety measures screen and assign a safety measure or corrective measure to a cause.

Effects on Customizing

You must build the cause hierarchies you want to use in your company in Customizing for *Industrial Hygiene and Safety* in the IMG activity *Build Cause Hierarchy*.

16.9.9 EHS-IHS-REP Reporting

16.9.9.1 Structure Changes in the IMG for Industrial Hygiene and Safety

Use

As of *SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200)*, the structure of the Implementation Guide (IMG) for *Industrial Hygiene and Safety* has changed. To transfer these changes to the project IMG, you must generate a new project IMG.

Deleted IMG Activities

*Information System -> Edit Information Tree*

The contents of the information tree are now integrated in the area menu for *Industrial Hygiene and Safety* and can be found under *Reporting* and no longer under *Industrial Hygiene and Safety Information System*.
You can make changes to the evaluation reports using the function for editing the area menu (transaction SE43N). For more information, see the SAP Library under Area Menu Maintenance.

**Moved IMG Activities**

*Basic Settings -> Specify Environment Parameters*

*Basic Settings -> Manage User Exits*

You now edit these IMG activities in Customizing for Basic Data and Tools (see Structure Changes to the IMG for EH&S).

### 16.9.9.2 Personal Exposure Log (New)

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the report program Personal Exposure Log (REHS_PERSONAL_EXPOSURE_LOG) is available.

With this report program you can create an overview of the agents persons are exposed to in their work areas. For this, the system evaluates the assignments that exist in the respective selection period in Organizational Management (PA-OS).

You will find the program in the SAP menu under Logistics -> Environment, Health and Safety -> Industrial Hygiene and Safety -> Reporting -> Risk Assessment -> Personal Exposure Log.

To be able to use the report program, you must process the IMG activity Specify Measurement Items in Customizing for Industrial Hygiene and Safety.

**See also**

For more information, see the documentation for the report program REHS_PERSONAL_EXPOSURE_LOG.

### 16.9.10 EHS-IHS-MEM Measurement Management

**16.9.10.1 Measurement Management (New)**

**Use**

As of SAP R/3 Enterprise PLM Extension 2.00 (EA_APPL 200), the new Measurement Management (EHS-IHS-MEM) component is available.

*Measurement Management* supports you in planning, performing, and managing measurements that you carry out in work areas. With *Measurement Management* you can also monitor the compliance with legal regulations, for example, adherence to air limit values at the workplace.

**Effects on Customizing**
To be able to use measurement management, you must make the following system settings:

**Customizing for Industrial Hygiene and Safety**

- Edit the IMG activities in the *Measurement Management* section.
- If you want to create measurement projects with reference to buildings, you will need the integration object *Building*. For this, edit the IMG activity Specify Buildings.

**Customizing for Basic Data and Tools**

- Check and if necessary change the settings for the environment parameters that are relevant for *Measurement Management* in the IMG activity Specify Environment Parameters.
- If necessary, create enhancements for the *Measurement Management* user exits in the IMG activity Manage User Exits.