

Da Vinci Smart Manufacturing

BRD S03.01 User Access Control Roles

Version History:

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1. Introduction

This document outlines the business and functional requirements for the enhanced User Access Control – Roles Management module within the Da Vinci Smart Manufacturing platform. This module empowers authorized administrators to define and maintain role-based access policies across the system.

Key functionalities include the ability to create, clone, edit, assign, and deactivate roles, while mapping permissions to specific modules, assigning users to roles, and configuring role-level access to dashboard KPIs. The objective is to implement a secure and scalable Role-Based Access Control (RBAC) framework, ensuring that users only access features and data relevant to their responsibilities.

2. Roles Management Interface

The Roles Management interface serves as the central control panel for administrators to view, monitor, and manage all defined roles within the Da Vinci Smart Manufacturing system. It is designed to be user-friendly, data-rich, and optimized for both operational clarity and administrative efficiency.

Navigation and Layout

- Located within the User Access Control module.
 - The left-side navigation panel provides quick access to modules like Users, Roles, Master Data, Core Process, and Reports.
 - The main content area is structured as a clean, paginated table with interactive controls at the top and bottom.
-

2.1. Header Section

The header must always be visible and contains the following

- **Title:** "Roles"
- **Action Buttons in Header:**
 - Add Role: Button to create a new User
- Role Summary Counters
 - Active – indicates the total number of currently active roles.
 - Inactive – shows the number of roles that are currently inactive.
- A search bar allows users to quickly locate roles by name. Tooltip text: Search by Role Name
- An expandable Filters control will support additional filtering options

- Status
 - Multi-select Dropdown
 - All Status corresponding to Roles
- Clear Filter - This will clear all the applied filters
- All Filter drop downs should be sorted alphabetically / numerically
- Filter options will not reset unless the user navigates to a different menu or module. This means any filters applied will persist as long as the user remains within the same menu option, ensuring continuity until a module change occurs.

2.2. Role Table Structure

Each role is displayed as a row with the following information:

Table Default Sorting: Latest Modified first

- Role Name
 - Displayed as a hyperlink; clicking navigates to the details page in view mode
 - Sorting: Yes
 - Frozen – Yes
- Active / Inactive Users
 - Shows the number of users assigned to the role, split into active and inactive counts.
 - Sorting: No
 - Frozen - No
- No. of Functions
 - Displays how many functions are mapped to that role.
 - Sorting: Yes
 - Frozen – No
- No. of KPIs
 - Displays how many KPIs are mapped to that role.
 - Sorting: Yes
 - Frozen – No
- Status
 - marked as Active (green badge) or Inactive (red badge).
 - Sorting: Yes
 - Frozen – No
- Created At
 - Date and time of record creation
 - Sorting: Yes
 - Frozen – No
- Created By
 - User ID | First Name Last Name of user who created the record

- Sorting: Yes
 - Frozen – No
- Modified At
 - Last record modified Date and time
 - Sorting: Yes
 - Frozen – No
- Modified By
 - User ID | First Name Last Name of user who last modified the record
 - Sorting: Yes
 - Frozen – No
- **Action Buttons:** Depending on the status, users can perform the following actions
 - Active:
 - View – View details of roles in read only mode
 - Edit - Allows to edit role details
 - Deactivate – Role can be deactivated after confirming the prompt that reads, “Do you want to deactivate this role: “Role Name”?

The screenshot shows a list of roles with columns for Role Name, Active / Inactive Users, No. Of Functions, No. Of KPIs, and Status. The 'Status' column contains buttons for 'Active' (green) and 'Inactive' (red). A modal dialog titled 'Deactivate User' is centered over the table, containing the question 'Do you want to deactivate this role: "Role Name"?'. It has 'Cancel' and 'Deactivate' buttons.

Role Name	Active / Inactive Users	No. Of Functions	No. Of KPIs	Status
Super Admin	11 / 0	21	4	Active
Furnace Operator	11 / 0	21	4	Active
Shift Supervisor	11 / 0	21	5	Active
Equipment Specialist	11 / 0	21	7	Active
Production Manager	11 / 0	21	5	Inactive
Quality Supervisor	11 / 0	21	6	Active
Plant Manager	11 / 0	21	5	Inactive
Control Room Operator	11 / 0	21	5	Inactive
Metalurgist	11 / 0	21	6	Active
Furnace Manager	11 / 0	21	8	Inactive

- Clone - Opens a page pre-filled with the original role's settings (Permission Management and KPI Management, User Management will not be cloned) allowing users to modify and save the cloned role. **CR-VD-4791**

Role Name	Active / Inactive Users	No. Of Functions	No. Of KPIs	Status
Super Admin	11 / 0	21	4	Active
Furnace Operator	11 / 0	21	4	Active
Shift Supervisor	11 / 0	21	5	Active
Equipment Specialist	11 / 0	21	7	Active
Production Manager	11 / 0	21	2	Active
Quality Supervisor	11 / 0	21	10	Active
Plant Manager	11 / 0	21	4	Active
Control Room Operator	11 / 0	21	5	Inactive
Metallurgist	11 / 0	21	6	Active
Furnace Manager	11 / 0	21	8	Inactive

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o Inactive

- View – View details of roles in read only mode
- Activate– Role can be activated after confirming the prompt that reads, “Do you want to activate this role: “Role Name”?

Activate User

Do you want to activate this role: "Role Name"?

Cancel
Activate

- Clone - Opens a page pre-filled with the original role's settings (Permission Management and KPI Management, User Management will not be cloned) allowing users to modify and save the cloned role. **CR-VD-4791**

Showing 10 of 80

Rows Per Page : 10

- Pagination Controls:**
 - Navigation buttons to browse through multiple pages of records, if applicable (for more than 10 records).
 - Rows Per page: Default 10, Dropdown values: 10, 20, 30, 40, 50
- Export:** The export function must extract ALL the information of the list of records shown based on the combined results of filter selection, sort and search criteria. Tooltip to Export button will read “Download CSV”
 - Exported File Name:** Roles_DD-MM-YYYY

Role Name	Active	Created At	Created By	Modified At	Modified By	Inactive	No. Of Functions	No. of KPIs	Status
Manager	0	26/03/2022 5 02:52 PM	Sahana Sahana Badal		Sahana Sahana Badal	0	6	12	Inactive
autouserrole	0	26/03/2022 5 02:52 PM	Sahana Sahana Badal	26/03/2022 5 02:52 PM	Sahana Sahana Badal	0	21	2	Active
Lab Analystist	0	26/03/2022 5 02:52 PM	Sahana Sahana Badal		Sahana Sahana Badal	1	3	5	Active

SuperAdmin	13	26/03/2022 5 02:52 PM	Sahana Sahana Badal	26/03/2022 5 02:52 PM	Sahana Sahana Badal	0	21	4	Active
string	0	26/03/2022 5 02:52 PM	Sahana Sahana Badal	26/03/2022 5 02:52 PM	Sahana Sahana Badal	0	0	2	Active
super	5	26/03/2022 5 02:52 PM	Sahana Sahana Badal	26/03/2022 5 02:52 PM	Sahana Sahana Badal	0	15	6	Active
Testing	1	26/03/2022 5 02:52 PM	Sahana Sahana Badal		Sahana Sahana Badal	0	21	1	Active
Test	0	26/03/2022 5 02:52 PM	Sahana Sahana Badal		Sahana Sahana Badal	0	21	4	Active

Role Name	Active / Inactive Users	No. Of Functions	No. Of KPIs	Status	Action
Super Admin	11 / 0	21	3	Active	Edit
Furnace Operator	11 / 0	21	4	Active	Edit
Shift Supervisor	11 / 0	21	5	Active	Edit
Equipment Specialist	11 / 0	21	7	Active	Edit
Production Manager	11 / 0	21	2	Active	Edit
Quality Supervisor	11 / 0	21	10	Active	Edit
Plant Manager	11 / 0	21	4	Active	Edit
Control Room Operator	11 / 0	21	5	Inactive	Edit
Metallurgist	11 / 0	21	6	Active	Edit
Furnace Manager	11 / 0	21	8	Inactive	Edit

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3.1. Role Creation

The **Add Role** functionality enables administrators to create new roles in the system and configure their access permissions, user assignments, and dashboard KPI visibility. The role creation process is divided into **three tabs**:

1. Permission Management
2. User Management
3. Dashboard KPIs Management

Header:

- Back Icon | Add Role
- Clone Role Button -
 - A “Clone” button will be available in the add screen.
 - When the clone icon is clicked, a new popup opens to select the role which in turn opens a page pre-filled with the original role’s settings (Permission Management and KPI Management, User Management will not be cloned) allowing users to modify and save the cloned role.

Admins or users with create/edit permissions can create a new role by assigning a role name and selecting specific permissions in permission management.

Each tab captures specific details required to fully define a role in the system.

3.1.1. Permission Management

User enters the Role Name

- Field: Role Name
- Type: Text input
- Mandatory: Yes
- Validation: must be unique, alphanumeric, Min Limit 4, Max Limit 50, Space allowed
- Default Value: None

Permission Mapping

- Permissions can be assigned to various **functions**, organized under **modules**, which are further grouped into the following logical categories:
 - System Admin
 - User Access Control
 - Master Data
 - Core Process
 - Lab Analysis
 - Log Book
 - Reports
- Each module expands to display one or more functions.

Permission Types

Each function supports the following permission types:

- **View:** Grants read-only access
- **Create/Edit:** Grants ability to add or modify data
- **Delete:** Grants ability to remove data or configurations

Some permission types may be disabled if not applicable to the respective function/screen.

- A “**Select All**” checkbox is provided at the top of the permission matrix.
 - Action: Applies **View**, **Create/Edit**, and **Delete** permissions across **all modules and functions**.

Validation Rules

- **No mandatory permission:** Users can assign any combination of permissions. Role can be created without any permission assigned. **CR-VD-3015**
- **No restrictions:** Any permission can be assigned to any user; there are no system-imposed constraints. **CR-VD-3015**

Actions

- **Save & Continue:** Saves the role and moves to the **User Management** tab
- **Cancel:** Discards changes and exits the role creation flow
- Upon successful save, a **confirmation message** is displayed indicating the role has been created

The screenshot shows the 'Add Role' interface. On the left is a vertical sidebar with icons for navigation. The main header says 'Add Role'. Below it, tabs include 'Permission Management' (which is active), 'User Management', and 'Dashboard KPIs Management'. Under 'Permission Management', there's a 'Role Name*' field with placeholder 'Enter User ID', a 'Select All' checkbox, and a large grid for 'Permission Mapping'. The grid has columns for 'Modules/Functions' and rows for categories like 'System Admin', 'User Access Control', 'Master Data', etc. Each row has three checkboxes for 'View', 'Create/Edit', and 'Delete'. To the right of the grid is another similar grid for 'Lab Analysis', 'Log Book', and 'Reports'.

3.1.2. User Management

Assign Users to Role

- New users can be added via a **multi-select searchable dropdown** labeled “Users”.
- The dropdown lists all **active users** and supports search by **name or ID**.
- Once selected, users are displayed as pills in the format: userID | FirstName LastName
- (e.g., tester01 | Tester BB)
- On Hover User can read from a tooltip which shows the entire User ID | First Name Last Name | Status

- Inactive users are visually distinguished with a darker pill background. [CR-VD-4483](#)

Actions

- **Save & Continue:** Saves user-role mapping and moves to **Dashboard KPIs Management** tab
- **Cancel:** Discards changes and exits the role creation flow

3.1.3. Dashboard KPIs Management

KPI Mapping

- Users can assign one or more KPIs to the role.
- KPIs are grouped under **modules**, consistent with the module categorization used in permissions.
- KPIs are grouped into the following functional categories:
 - Inventory
 - Financial
 - Production
 - Quality
 - EHS (Environment, Health & Safety)
 - Maintenance Metrics
- KPI Examples by Category
 - **Inventory:**
 - Material Consumption
 - On-Time Delivery (%)
 - **Financial:**
 - Total Revenue (\$)
 - Profit Margin (%)
 - ROI on Investments (%)
 - **Production:**
 - Quantity Produced

- Downtime (Hours)
- OEE (%)
- Cycle Time
- Yield (%)
- **Quality:**
 - Defect Rate (%)
 - Rework Rate (%)
 - First Pass Yield (FPY)
- **EHS:**
 - Energy Used (kWh)
 - Safety Incidents Reported
 - Training Compliance (%)
- **Maintenance:**
 - MTTR
 - MTBF
 - Maintenance Compliance (%)
- Each KPI is displayed with a checkbox. Users can selectively assign KPIs to the role.
- When a KPI is selected, the role will have **View and Edit access** to that KPI on the dashboard.

Bulk Selection

- A **Select All** option is available at the **module level**, allowing users to select all KPIs within that module at once.

Actions

- **Save:** Saves KPI mapping and navigates to the **roles list page**
- **Cancel:** Discards changes and exits the role creation flow

The screenshot shows the 'Add Role' screen in the Virtues software. On the left is a dark sidebar with icons for navigation. At the top right is a user profile for 'Nora James'. Below the header are three tabs: 'Permission Management', 'User Management', and 'Dashboard KPIs Management'. The 'Dashboard KPIs Management' tab is selected. Underneath it, there's a section titled 'Add KPIs' with a grid of checkboxes for different metrics. The metrics are grouped into categories: 'Inventory' (Material Consumption, On-Time Delivery (%)), 'Financial' (Total Revenue (\$), Profit Margin (%), Operating Costs (\$), ROI on Investments (%), Material Variance (\$)), and 'Production' (Quantity Produced, Production Efficiency (%), Downtime (Hours) or Availability, Overall Equipment Efficiency OEE (%), Yield(%) - Raw Material Input Vs Finished Prod Output, Output Rate - Qty produced/Net Productive Hours, Cycle Time - Lead time from Yard to Yard, Resource/Capacity Utilization (%)). At the bottom right are 'Cancel' and 'Save' buttons.

3.2. Edit Role

The **Edit Role** functionality enables administrators to modify existing role details including the role name, assigned permissions, user-role mappings, and KPI access. The interface mirrors the “Add Role” flow but pre-populates existing data, allowing seamless updates.

The editing process is distributed across three tabs:

1. Permission Management
2. User Management
3. Dashboard KPIs Management

Users can navigate between tabs using “**Save & Continue**” buttons or by clicking directly on tab headers.

Header: Back Icon | Edit “Role Name”

3.2.1. Permission Management

Role Name

- **Field:** Role Name
- **Type:** Editable text input
- **Validation:**
 - Mandatory
 - Must be **unique across all roles**
 - alphanumeric, Min Limit 4, Max Limit 50, Space allowed
 - Default Value: None

Permission Mapping

- Existing permissions for the selected role are **pre-populated** in the permission matrix.
- Permissions can be **modified, added, or removed** as needed.

Permission Structure

- Functions are organized under **Modules**, which are grouped into these categories:
 - System Admin
 - User Access Control
 - Master Data
 - Core Process
 - Lab Analysis
 - Log Book
 - Reports
- Each function supports the following permission types:
 - **View** – Read-only access
 - **Create/Edit** – Modify or add data
 - **Delete** – Remove data or configurations

Non-applicable permissions for certain functions are disabled (read-only UI state).

Actions

- **Save & Continue:** Saves changes and navigates to **User Management** tab
- **Cancel:** Exits without saving
- Users can also navigate directly to the next tab via tab header

The screenshot shows the 'Edit Super Admin' page in the VIRTUES application. The top navigation bar includes the VIRTUES logo, user profile (Nora James), and tabs for 'Permission Management', 'User Management', and 'Dashboard KPIs Management'. On the left is a sidebar with various icons. The main area has a title 'Edit Super Admin' with a back arrow. Below it is a 'Role Name*' field containing 'Super Admin'. A 'Permission Mapping' section contains a 'Select All' checkbox and two tables of checkboxes for 'View', 'Create/Edit', and 'Delete' permissions across different modules and functions.

Modules/Functions		View	Create/Edit	Delete	Modules/Functions		View	Create/Edit	Delete
System Admin		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lab Analysis		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Plant Configuration		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Raw Material Analysis		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Furnace Configuration		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tap Analysis		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User Access Control		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spout Analysis		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Users		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Log Book		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Roles		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Furnace Downtime Log		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Master Data		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Furnace Bed Log		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Grading Plan		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tap Hole Log		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

At the bottom right are 'Cancel' and 'Save & Continue' buttons.

3.2.2. User Management

Existing Users

- All users currently mapped to the role are **pre-listed as pills**.

Assigning Users to Role

- New users can be added via a **multi-select searchable dropdown** labeled “Users”.
- The dropdown lists all **active users** and supports search by **name or ID**.
- Once selected, users are displayed as pills in the format: userID | FirstName LastName (e.g., tester01 | Tester BB)
- On Hover User can read from a tooltip which shows the entire User ID | First Name Last Name | Status
- Inactive users are visually distinguished with a darker pill background. **CR-VD-4483**

User Removal

- Each pill includes a hover-activated **“X” icon** to remove the user from the role.
- Removal is **soft-delete** until form is saved; production data remains unaffected until save action.

Actions

- **Save & Continue:** Saves current state and navigates to **Dashboard KPIs Management** tab
- **Cancel:** Discards unsaved changes
- Users can also navigate to the next tab via tab header

The screenshot shows a user management interface with a sidebar containing various icons. The main area has tabs for 'Permission Management', 'User Management' (which is active), and 'Dashboard KPIs Management'. Under 'User Management', there's a section for 'Add Users' with a dropdown menu labeled 'Select User'. Below it, four users are listed as pills: 'sbadal | Sahana Badal X', 'pchakvate | Pradnya Chakvate X', 'johndoe | John Doe X', and 'swilliams | Shaun williams X'. At the bottom right are 'Cancel' and 'Save & Continue' buttons.

3.1 Dashboard KPI Management

Allows mapping of **Key Performance Indicators (KPIs)** to a role, determining what users with this role can **view/edit** on their dashboards.

- Pre-assigned KPIs are **pre-selected** in the list.

- Each KPI is shown with a **checkbox** for selection/deselection.
- A “**Select All**” option is available at the **category level**.

Actions

- **Save:** Saves KPI updates and navigates to the **roles list page**
- **Cancel:** Discards changes
- Users may navigate directly to other tabs via tab headers.

The screenshot shows the 'Edit Super Admin' screen under the 'Dashboard KPIs Management' tab. On the left is a vertical sidebar with icons for Home, Back, User, Role, Permission, and Help. The main area has a header 'Add KPIs'. Below it is a grid of KPI categories and specific metrics, each with a checkbox for selection. The categories are: Inventory, Financial, and Production. Under each category are several specific metrics. Some checkboxes are checked (e.g., 'On-Time Delivery (%)', 'Profit Margin (%)', 'Quantity Produced'). At the bottom right are 'Cancel' and 'Save' buttons.

Category	Metric	Status
Inventory	Material Consumption	<input type="checkbox"/>
	On-Time Delivery (%)	<input checked="" type="checkbox"/>
	Material Variance (Qty)	<input type="checkbox"/>
Financial	Total Revenue (\$)	<input type="checkbox"/>
	Profit Margin (%)	<input checked="" type="checkbox"/>
	Operating Costs (\$)	<input type="checkbox"/>
Production	ROI on Investments (%)	<input type="checkbox"/>
	Material Variance (\$)	<input type="checkbox"/>
	Yield(%) - Raw Material Input Vs Finished Prod Output	<input type="checkbox"/>
Quantity Produced	<input type="checkbox"/>	
Production Efficiency (%) - Quality basis - Meets Grading	<input type="checkbox"/>	
Downtime (Hours) or Availability	<input type="checkbox"/>	
Overall Equipment Efficiency OEE (%)	<input type="checkbox"/>	
Output Rate - Qty produced/Net Productive Hours	<input type="checkbox"/>	
Cycle Time - Lead time from Yard to Yard	<input type="checkbox"/>	
Resource/Capacity Utilization (%)	<input type="checkbox"/>	

3.3. View Role

Each tab in the Role Management flow — **Permission Management**, **User Management**, and **Dashboard KPIs Management** — will support a **View Mode**, allowing users to review existing role configurations in a read-only format.

An **Edit icon** will be displayed (based on permissions) to allow transition to Edit Mode.

Header : Back Icon | “Role Name” | Edit Icon

[← Furnace Operator](#) [Edit](#)

Role Name
Furnace Operator

[Permission Management](#) [User Management](#) [Dashboard KPIs Management](#)

Permission Mapping

Modules/Functions	View	Create/Edit	Delete
System Admin			
Plant Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
Furnace Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
User Access Control			
Users	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
Roles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
Master Data			
Grading Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Master Data - Material Maintenance			
Furnace Raw Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
Additives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
By-Products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—

Functions	View	Create/Edit	Delete
Lab Analysis			
Raw Material Analysis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tap Analysis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Spout Analysis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Log Book			
Furnace Downtime Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Furnace Bed Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tap Hole Log	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reports			
Material Analysis Report	<input checked="" type="checkbox"/>	—	—
Material Consumption Report	<input checked="" type="checkbox"/>	—	—
Material Analysis Size Report	<input checked="" type="checkbox"/>	—	—

[← Furnace Operator](#) [Edit](#)

Role Name
Furnace Operator

[Permission Management](#) [User Management](#) [Dashboard KPIs Management](#)

User Management

User Id.	Name	Date Assigned	Status
JSmithOperator	John Smith	10/12/2024	Active
EDavisMaintenance	Emily Davis	10/10/2024	Inactive
MJohnsonSupervisor	Michael Johnson	10/10/2024	Active
SBrownSafety	Sarah Brown	10/10/2024	Active
DWilsonEngineer	David Wilson	10/10/2024	Active
JTaylorQuality	Jessica Taylor	10/10/2024	Inactive
RWhiteManager	Robert White	10/10/2024	Inactive
OHarrisMetallurgist	Olivia Harris	10/10/2024	Inactive
WClarkSpecialist	William Clark	10/10/2024	Inactive
ELewisController	Emma Lewis	10/10/2024	Inactive

← Furnace Operator 

Role Name
Furnace Operator

Permission Management User Management **Dashboard KPIs Management**

Add KPIs

Inventory

 

Financial

    


Production

    
  