



**HONEYWELL
FORGE**

OPERATIONS MANAGEMENT

R242.1 RELEASE HIGHLIGHTS

Honeywell Forge Operations Management helps plants proactively monitor, document and operate their processes to ensure they always stay within safe and profitable operating windows. Honeywell Forge Operations Management helps manage and control critical limits, shift handovers, and process deviations to boost reliability, safety and efficiency.

R242.1 Delivered Features:

- Task Templates
- Task workflow enhancements
- Limit suppression and null limit support
- Limit repository synchronization and performance improvements
- Target calculation type changes
- Integrity checks for variables and assets
- Usability improvements to target suspension, deviation reason analysis, DET snippets, standing orders and logbook auto-refresh

Feature Details: Operations Logbook

- Standing order UI enhancement
 - Standing Order UI readability is improved with the introduction of "Show More / Show Less" toggle option for description field
 - UI layout enhancement for better usability and quick review of standing orders
- Task Snippet – Multi select and show comments
 - Task snippet allows selection of multiple state filters in single snippet which helps in optimizing the snippets
 - Task snippet can optionally show the comments in shift report for quick reference without navigating away
- In-line comment entry usability improvements
 - All snippets which include In-line comment entry are enhanced to have better readability
- Auto refresh enhancement
 - Auto Refresh occurs when the system is idle and not being interacted with. Users are not distracted during shift report update

Honeywell

Logbook

Operations

Logbook

Console

Malibu

Night

1/20/2021 6:00:00 PM to 1/21/2021 6:00:00 AM

Plant Hierarchy

Type minimum 3 letters to search

Enterprise

Malibu

Overview

Shift Summary

Comments

Standing Order

Cross Shift Report

+ New Standing Order

Time of activity

Asset

Standing Order

11/28/2019 10:35 AM

10-CDU

No end time

Name : Standing 1

Author : PHDR320/PHDAdmin

Category : Process Improvement

Status : Activated

Assignees : Operator(S1)

Ack. Count : 1

raise WO before asking for the maintenance support

Action

Time

Created By

Comment

Acknowledged

1/18/2021 2:56 PM

PHDR320/PHDAdmin

Acknowledged

Commented

11/28/2019 2:23 PM

PHDR320/PHDAdmin

Nearing 90% completion

Commented

11/28/2019 2:22 PM

PHDR320/PHDAdmin

New WO raised for a additional seal replacement

4/26/2018 3:38 PM

CDU

No end time

Name : Inspect Desalter

Author : PHDR320/PHDAdmin

Category : Default

Status : Activated

Assignees :

Ack. Count : 0

Inspect Desalter for Fouling

3/21/2017 10:24 AM

Malibu

No end time

Name : Valve seat check up

Author : PHDR320/Runtime

Category : Default

Status : Activated

Assignees :

Ack. Count : 0

1. Follow the procedure in Manual Analyser AZ001.DOC

2. By-pass the analyser in-put and check the filter settings.

3. Use the analyzer kit to clean the parts.

Show less

5

Items per page

1 - 3 of 3 items

Feature Details: Operations Logbook - Tasks

- Task Workflow Enhancements
 - Tasks support the following workflows:
 - Pause & Resume with comments.
 - Cancel with comments
- Task Template Support
 - Ability to create templates and copy a task as template
 - Optionally include child assets' templates to view from parent level
 - Recurrence templates can be modified from next instance onwards.
 - Tasks created from meetings also support templates selection.
- Task Snippet – Multi select and show comments
 - Task snippet allows selection of multiple state filters in single snippet which helps in optimizing the snippets
 - Task snippet can optionally show the comments in shift report for quick reference without navigating away
- Task UI enhancements
 - Multiple tasks of same state can be selected to update in bulk.
 - Additional columns are added to task summary UI with Description, Asset and Author
 - Filter status added for cancelled, Paused tasks.
 - Ability to Copy a task.
 - Improved usability on task summary view with the introduction of bar chart in place of doughnut chart.
 - Ability to AUTO-assign a task name upon creation.

Honeywell

Task

Operations

Task

Console

Malibu

Night

1/20/2021 6:00:00 PM to 1/21/2021 6:00:00 AM

Plant Hierarchy

Type minimum 3 letters to search

Enterprise

Malibu

Alumina

Chemicals

Downstream

Mine

Refinery

03-Tower

05-Offsites

10-CDU

12-Tower

15-Gas Plant

16-Aerox

18-Hydrotreater

20-CCR Regenerator

30-Hydrotreater

35-FCCU

40-Hydrocracker

50-Coker

60-H2 Plant

65-Sulfur

Smelter

Upstream

Tasks

Meetings

Tasks

Summary : 5

Draft : 1

Planned : 2

Paused : 0

In-Progress : 1

Cancelled : 1

Completed : 0

Add New Task

No filter(s) applied

Clear Selection

Templates

Task Name	Type	Priority	Description	Asset	Start Time	End Time	Author	Assignees	Status	Actions
Lab	Production	High	Collect sampl...	10-CDU	1/21/2021 12:00 AM	1/22/2021 12:00 AM	PHDAdmin	Engineer	Cancelled	
T1	ENVIRONMENTAL	High	ggg	CDU	1/21/2021 12:00 AM	1/30/2021 12:00 AM	Will Turner	Operator (FO scope)	Draft	
New4	ENVIRONMENTAL	High	check	Malibu	1/21/2021 12:00 AM	1/22/2021 12:00 AM	PHDAdmin	Will Turner	Planned	
Lab	Production	High	Collect sampl...	10-CDU	1/29/2021 12:00 AM	1/21/2021 12:00 AM	PHDAdmin	Engineer		
New4	ENVIRONMENTAL	High	check	Malibu	1/29/2021 12:00 AM	1/21/2021 12:00 AM	PHDAdmin	Will Turner	Planned	

10

Items per page

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Feature Details: Operations Monitoring

- Target suspension UI enhancements
 - Suspension grid supports column selection, reordering and resizing. The page now supports user preference, auto refresh, filtering and sorting.
 - Additional columns are added to grid for details of Suspension and revoke actions (When, Who, Remarks)
- Quick Reason Entry (QRE) UI enhancements
 - When user selects the reason in-line entry the UI visually hints there is a drop-down to search and select reason codes consistent to asset selection control.
 - For multi-reason selection user must use pop-up detail analysis UI from action bar.
- Suspend One sided limit Monitoring
 - Process targets configuration supports to switch off monitoring on one side of the limit by setting the limits blank (NULL).

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Monitoring

Operations

Monitoring

Console

CDU

Night

1/20/2021 6:00:00 PM to 1/21/2021 6:00:00 AM

Overview

Summary

Trend

Tree Map

Health Monitoring

Suspension

Filters Applied - Status : All Sort By : Asset Display Name ASC

Select All | Clear

Last Refreshed Time: 1/20/2021 11:32 PM

Target Name	Target Description	Measurement Tag	Unit Of Measure	Status	Suspended By	Suspended Time	Suspended Comment	Revoked By	Revoked Time	Revoked Cor
10CI033		10CI033	%		PHDAdmin	1/20/2021 11:32 PM	Suspend			
10CI034		10CI034	%		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10F001		10F001	KBPD		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10RI005		10RI005	PCT							
10RI007	CDU 10 NAPHTHA PROD VOL FLOW	10RI007	PCT		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10RI014	CDU 10 JET PROD VOL FLOW	10RI014	PCT		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10RI018	CDU 10 DIESEL PROD VOL FLOW	10RI018	PCT		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10RI022	CDU 10 AGO PROD VOL FLOW	10RI022	PCT		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10RI026	CDU 10 BOTTOM PROD VOL FLOW	10RI026	PCT		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019
10RI052		10RI052	PCT		SYSTEM	4/10/2019 4:53 PM	CDU (CDU) down at 4/10/2019 4:53:00 PM by SYSTEM.	SYSTEM	4/10/2019 4:54 PM	CDU (CDU) up at 4/10/2019

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Items per page

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Feature Details: Limit Repository

- Blank Limits- NULL Values
 - LR now allows updating the Limit value as NULL (blank). Deviation monitoring suppresses processing for that limit.
- Variable integrity check
 - LR variables, limits and constraints now contain application references so that deletion is not allowed until de-referencing all the references.
 - Quick way of viewing application references and shortcuts to navigate monitoring and instruction is available.
 - Messages are shown for the user to be aware of the references.
- LR enhancements
 - Batching solution for LR-LR synchronization to handle heavy loads which avoids using off-line utilities during initial setup of LR.
 - Tag mapping is supported to translate between process and business layers so that the limits are synchronized to right variables.
 - Display name customization from LR settings for constraints, Boundaries and operating limits to adapt to customer business process terms.
 - Ability to set default boundaries for operating limits in limit type configuration saves explicit selection of boundaries per variable operating limit.
 - LR console grid has been further enhanced to bring results faster.

For More Information

To learn more about how Honeywell Forge Operations Management can transform your business, visit our [website](#) or contact your Honeywell Account Manager.

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Honeywell Connected Enterprise

715 Peachtree Street NE
Atlanta, Georgia 3030_
www.honeywellprocess.com

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