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Oracle L11 Rack Pre-Shipment Documentation Requirements

Document Number and Revision: PROC-10150 Rev 02

Overview

This document describes the requirements for capturing video/still picture documentation of Oracle L11 rack shipments, to validate rack system quality integrity, and to aid both Oracle and its External Manufacturing partners in investigations into claims of damage, missing or incorrect components, or other manufacturing defects.

Audience

- o Oracle Supplier Quality Engineering and Mechanical Product Engineering teams.
- o Manufacturing sites for Oracle L11 racks.

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General Requirements

Oracle L11 Rack manufacturing sites shall capture and retain visual documentation of each rack shipment, showing the condition of all sides of the rack, in both the pre-pack, mid-pack, and post-pack states.

The full intent of this requirement is to validate the following primary quality attributes of the rack system and associated packaging:

Rack/System Hardware and Packaging

All required components are present, installed correctly, and in good visible condition.

Cosmetic Standards

All visible surfaces and attributes comply with Oracle cosmetic standards (923-2001).

Labeling

All system labels are present, oriented correctly, and contain the required content.

NOTE: It is acceptable to use video and/or still images, provided that all the minimum requirements are met.

Video

The resolution of the captured video must be a minimum of 1920 x 1080, with a minimum frame rate of 24fps. Lighting must be sufficient to allow viewers to judge key features such as label content, cosmetic standards, cable routing, etc. All views outlined in the matrix below (fig 1) must be accompanied by a 1-3 second pause where there is no camera movement for clarity.

Still Images

Images should be high resolution (no less than 15MP). All relevant details shall be in focus for detailed evaluation. The camera settings and/or post-processing of the photos must allow black rack cabling to be distinguishable on a black rack frame.

The video/still image files shall be captured and stored in a manner that allows for retrieval of records (when requested by Oracle) by rack serial number. These files shall be retained as a quality record per the site's data retention policy.

Pre-Pack Requirements

- After the test and prior to final packaging, views of the entire rack must be completed as outlined in the following table. In addition, views of the ride-along packaging and branding on installed doors must be captured.

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	Photo Angle		
	45° Left	Straight - On	45° Right
Front of Rack			
Full Rack		X	
Top Half	X	X	X
Bottom Half	X	X	X
Switches		X	
All system labels		X	
Rear of Rack			
Full Rack		X	
Top Half	X	X	X
Bottom Half	X	X	X
Switches		X	
All system labels		X	

NOTE: If using the video method, there must be a 1-3 second pause without camera movement for clarity during each view outlined in the matrix above (Fig. 1).

Mid– Pack Requirements

Prior to installing outer packaging, a minimum of the following views must be captured:

- All 4 sides of rack with inner packaging items installed
- Close up of pallet bracket hardware

Post-Pack Requirements

After the rack is completely packaged for shipment, a minimum of the following views must be captured:

- All 4 sides of fully packaged rack
- Close up images of all labels and paperwork attached to the rack packaging

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Related Information

Reference Documents and Records

REFERENCE DOCUMENTS AND RECORDS
8206274 (*Oracle L11 First Article Inspection and Manufacturing Readiness Process*)

History

Rev	Date	Description of Change	Originator
02	Nov 3 2023	Initial Release	N/A
			N/A
			N/A
			N/A
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