



## Manufacturing Quality Control Checklist - Industry Vetted

HYD47852GH / 78945-EXTR-2025 / Line C-3 / 8 Aug 2025

Complete

Score	28 / 33 (84.85%)	Flagged items	5	Actions	6
Product ID / SKU / Serial Number	HYD47852GH Equipment - Industrial Extrusion Machine				
Batch/Lot Number	78945-EXTR-2025				
Production Line	Line C-3				
Site	Facility 4, Manufacturing Plant A				
Inspection Type	In-Process				
Conducted on	08.08.2025 09:00 PST				
Prepared by	SafetyCulture Staff				
Location	Virginia, USA (37.4315734, -78.6568942)				

Flagged items & Actions		5 flagged, 6 actions
Flagged items		5 flagged, 5 actions
Inspection / Visual		
<b>Product is free from water damage or signs of moisture exposure.</b>		Fail
Minor moisture spots observed near control panel		
<b>To do</b>   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:00 PST   Created by: SafetyCulture Staff		
Conduct thorough drying and inspect sealing on control panel enclosure; retrain operators on moisture control protocols.		
Inspection / Dimensional & Weight Compliance		
<b>Center of mass is balanced within tolerance limits.</b>		Fail
Slight imbalance detected affecting stability		
<b>To do</b>   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:30 PST   Created by: SafetyCulture Staff		
Adjust balance weights and review assembly torque settings.		
Inspection / Material & Structural Integrity		
<b>Material is free from impurities or irregularities.</b>		Fail
Small surface impurities found in extrusion section.		
<b>To do</b>   Assignee: SafetyCulture Staff   Priority: Low   Due: 19.08.2025 09:00 PST   Created by: SafetyCulture Staff		
Inspect raw material batches and refine filtration processes.		
Inspection / Functional & Mechanical Inspection		
<b>Product is free from excessive vibration during use.</b>		Fail
Noticeable vibration detected during high-speed extrusion runs		
<b>To do</b>   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:00 PST   Created by: SafetyCulture Staff		
Conduct machine recalibration and balance rotor components.		
Inspection / Aesthetic & Finishing		
<b>Surfaces are free from smudges, streaks, or imperfections.</b>		Fail
Smudges noted on exterior paint near lower chassis (also noted in Visual section)		
<b>To do</b>   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:00 PST   Created by: SafetyCulture Staff		

Review painting and handling procedures to prevent damage post-coating.

Other actions

1 action

Inspection / Visual

**Additional Observations**

Some slight smudging on exterior paint near lower chassis

**To do** | Assignee: SafetyCulture Staff | Priority: Low | Due: 14.08.2025 09:30 PST | Created by: SafetyCulture Staff

Clean affected areas and evaluate paint application process on next batch.

Inspection		5 flagged, 6 actions, 28 / 33 (84.85%)
Visual		1 flagged, 2 actions, 4 / 5 (80%)
Product is free from physical damage (cracks, dents, scratches).		Pass
Product is free from water damage or signs of moisture exposure.		Fail
Minor moisture spots observed near control panel		
To do   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:00 PST   Created by: SafetyCulture Staff		
Conduct thorough drying and inspect sealing on control panel enclosure; retrain operators on moisture control protocols.		
Product is free from dirt, dust, or contaminants.		Pass
Product shows no discoloration, stains, or fading.		Pass
All external and internal components are correctly assembled.		Pass
Additional Observations		
Some slight smudging on exterior paint near lower chassis		
To do   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:30 PST   Created by: SafetyCulture Staff		
Clean affected areas and evaluate paint application process on next batch.		
Dimensional & Weight Compliance		1 flagged, 1 action, 5 / 6 (83.33%)
Product dimensions are within specified tolerances.		Pass
Product weight is within the acceptable range.		Pass
Center of mass is balanced within tolerance limits.		Fail
Slight imbalance detected affecting stability		
To do   Assignee: SafetyCulture Staff   Priority: Low   Due: 14.08.2025 09:30 PST   Created by: SafetyCulture Staff		
Adjust balance weights and review assembly torque settings.		
Product is free from warping or deformation due to molding or machining.		Pass

<b>Dimensional measurements are consistent across the batch.</b>	Pass
<b>Product fits correctly with corresponding components or assemblies.</b>	Pass

#### Additional Observations

No additional dimensional issues noted

Material & Structural Integrity	1 flagged, 1 action, 3 / 4 (75%)
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<b>Product is made from the correct material composition.</b>	Pass
<b>All components are properly fastened and secure.</b>	Pass
<b>Material is free from impurities or irregularities.</b>	Fail

Small surface impurities found in extrusion section.

**To do** | Assignee: SafetyCulture Staff | Priority: Low | Due: 19.08.2025 09:00 PST | Created by: SafetyCulture Staff

Inspect raw material batches and refine filtration processes.

<b>Material is appropriately coated or sealed as specified.</b>	Pass
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#### Additional Observations

Welding seams inspected and found acceptable

Functional & Mechanical Inspection	1 flagged, 1 action, 4 / 5 (80%)
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<b>Product performs its intended function.</b>	Pass
<b>Movements (rotation, sliding, adjustment) operate within safe limits.</b>	Pass
<b>No unexpected noises, grinding, or irregular motion are present.</b>	Pass
<b>Product is free from excessive vibration during use.</b>	Fail

Noticeable vibration detected during high-speed extrusion runs

**To do** | Assignee: SafetyCulture Staff | Priority: Low | Due: 14.08.2025 09:00 PST | Created by: SafetyCulture Staff

Conduct machine recalibration and balance rotor components.

<b>All mechanical and electronic components operate correctly.</b>	Pass
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#### Additional Observations

Control panel responsiveness is smooth with no errors.

Aesthetic & Finishing	1 flagged, 1 action, 7 / 8 (87.5%)
Colors, trims, and finishes are correct and consistent.	Pass
Logos, labels, and markings are properly applied and legible.	Pass
Stickers and decals are free from lifting, peeling, or misalignment.	Pass
Surfaces are free from smudges, streaks, or imperfections.	Fail

Smudges noted on exterior paint near lower chassis (also noted in Visual section)

**To do** | Assignee: SafetyCulture Staff | Priority: Low | Due: 14.08.2025 09:00 PST | Created by: SafetyCulture Staff

Review painting and handling procedures to prevent damage post-coating.

Surface textures are uniform and free from inconsistencies or rough spots.	Pass
Edges and seams are smooth, aligned, and free from excess material.	Pass
Gloss or matte finish matches the specified requirement.	Pass
Decorative elements (embossing, coatings, etc.) are applied correctly.	Pass

#### Additional Observations

Minor paint touch-ups recommended for next maintenance cycle.

Packaging & Labeling	5 / 5 (100%)
Packaging is free from damage, deformities, and defects.	Pass
Prints and labels are clear, color-accurate, and smudge-free.	Pass
Packaging closes securely and protects the product adequately.	Pass
Product is positioned securely within the packaging.	Pass
All required compliance and regulatory labels are present.	Pass

#### Additional Observations

Packaging processes appear effective and consistent. However, please see attached file for the summary of the inspection findings.

Sign Off

**Inspector signature**



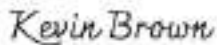
Jordan Lee  
12.08.2025 08:16 PST

**Shift supervisor signature**



Maria Gonzales  
12.08.2025 08:17 PST

**Line supervisor signature**



Kevin Brown  
12.08.2025 08:18 PST

## Media summary

## File summary

[Quality Control Inspection Summary of Actions.pdf](#)