



First Article Inspection (FAI) Report

Retaining Ring Production / 24 May 2023 / Jean Rojas

Complete

Score	92.86%	Flagged items	1	Actions	1
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General Information

Manufacturing Process

Retaining Ring Production

Manufacturer

Laundry Machinery Inc.

Location

4649 Fidler Drive, San Antonio,
TX 78221

Quality Inspector

Jean Rojas

Conducted on

24.05.2023 14:45 PST

Flagged items & Actions

1 flagged, 1 action

Flagged items

1 flagged, 1 action

Inspection / Design Characteristics / Design Characteristics 3

Is the characteristic non-conforming?

Yes

Burrs and sharp edges still present

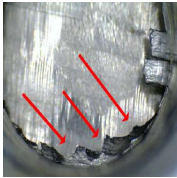


Photo 5



Photo 6

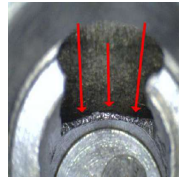


Photo 7

Complete | Assignee Shine Colcol | Priority High | Due 31.05.2023 14:52 PST | Created by SafetyCulture Staff

Remove burrs and sharp edges

Consider maintaining automated demurring and edge rounding machine

Other actions

0 actions

Inspection

1 flagged, 1 action, 92.86%

First Article Inspection

100%

Type of First Article

Assembly

Retaining Ring Assembly

Index of Parts

Index of Parts 1

Part Number

77445565

Part Name

Retaining Ring

Type of FAI

Complete

Material/Process

Material/Process 1

Material or Process Name

Rivet Solid CS 1000

Specification Number

MS20426L

Supplier Name and Address

ABC Rivets 10 Elm St., Boston,
Ma.

Material/Process 2

Material or Process Name

Sealant

Specification Number

MIL-PRF-2333777D

Supplier Name and Address

Sam's Sealants 43rd St. San
Jose, Ca.

Is a special process involved?

Yes

Special Process

100%

Special Process 1

100%

Special Process Supplier Code

am's Sealants 43rd St. San Jose, Ca.

Is the Special Process Supplier approved?

Yes

Chemical Filming

Certificate of Conformance Number

PO 98765

Special Process 2

100%

Special Process Supplier Code

LM1212

Is the Special Process Supplier approved?

Yes

Anodizing

Certificate of Conformance Number

98765

Is a functional test to be performed?

No

Design Characteristics

1 flagged, 1 action, 87.5%

Design Characteristics 1

100%

Reference Location

Note 1

Characteristic Designator

Critical

Requirement

ANSI Y14.5 1982 applies and dimensions were taken after all special processes

Inspection Result

Accept

Designed Tooling

Chemical Film and Anodizing

Is the characteristic non-conforming?

No

Design Characteristics 2

100%

Reference Location

Sheet 2 Zone J5

Characteristic Designator

Key

Requirement

IAW 79P070000 marked in the designated area

Inspection Result

Accept

Designed Tooling

Visual Inspection

Is the characteristic non-conforming?

No

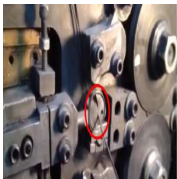


Photo 1



Photo 2

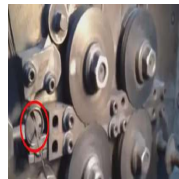


Photo 3



Photo 4

Design Characteristics 3

1 flagged, 1 action, 50%

Reference Location

Note 3

Characteristic Designator

N/A

Requirement

Removed burrs and sharp edges

Inspection Result

Reject

Designed Tooling

Visual Inspection

Is the characteristic non-conforming?

Yes

Burrs and sharp edges still present



Photo 5



Photo 6

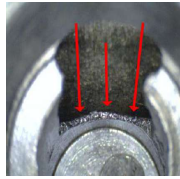


Photo 7

Complete | Assignee Shine Colcol | Priority High | Due 31.05.2023 14:52 PST | Created by SafetyCulture Staff

Remove burrs and sharp edges

Consider maintaining automated demurring and edge rounding machine

Non-conformance Number

NC6984

Design Characteristics 4

100%

Reference Location

Consider maintaining automated demurring and edge rounding machine

Characteristic Designator

Key

Requirement

All machined surfaces exhibit 125.03

Inspection Result

Surface Finish 32

Designed Tooling

Surface Finish 32

Is the characteristic non-conforming?

No

Completion

Additional Comments

Perform Delta FAI for retaining ring assembly after maintenance of automated deburring and edge rounding machine

The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.

Quality Inspector



Jean Rojas
24.05.2023 14:54 PST

Production Manager



Isabel Quinlan
24.05.2023 14:54 PST

Media summary



Photo 1



Photo 2



Photo 3



Photo 4

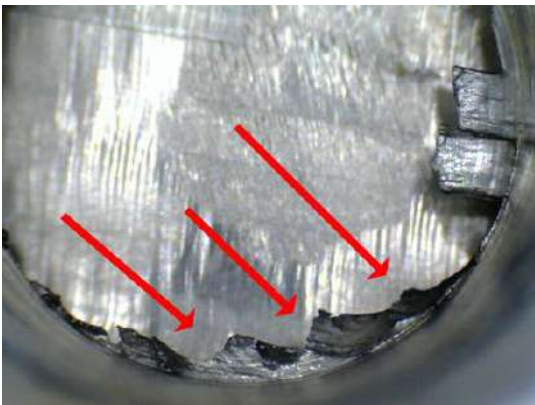


Photo 5



Photo 6

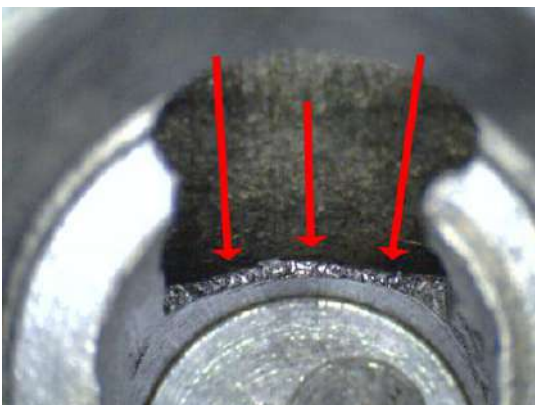


Photo 7