

Aluminium Extrusions Pre-Shipment Inspection Report

Version No.: 1.1

Consignment Details

| | |
|-------------------------------|-------------------------------------|
| Client: SL7 | Supplier: SA03 |
| P/O : SL7-R-13893-R1-1 | Product: Aluminum Extrusions |

AQL Inspection Plan

| |
|---|
| AQL Standard: Military Standard 105E (MIL-STD-105E) |
| Acceptable Quality Levels: Critical defect: 0.0%, Major defect: 1.0%, Minor defect: 2.5% |
| Defect Definitions: Critical: Nil, Major: Dimensions, Minor: Appearance |
| Is there a quality standard confirmed by the Client: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Quality Standard: <input checked="" type="checkbox"/> Linkan's standard version <input type="checkbox"/> Client's version |

AQL Test Plan: Appearance Defects

| |
|--|
| Inspection Level: <input type="checkbox"/> I (reduced) <input checked="" type="checkbox"/> II (normal) <input type="checkbox"/> III (increased) |
| Sampling Procedure: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double Inspection Type : <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Tightened <input type="checkbox"/> Reduced |

AQL Test Plan: Dimension Tolerances

| |
|--|
| Inspection Level: <input checked="" type="checkbox"/> I (reduced) <input type="checkbox"/> II (normal) <input type="checkbox"/> III (increased) |
| Sampling Procedure: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double Inspection Type : <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Tightened <input type="checkbox"/> Reduced |

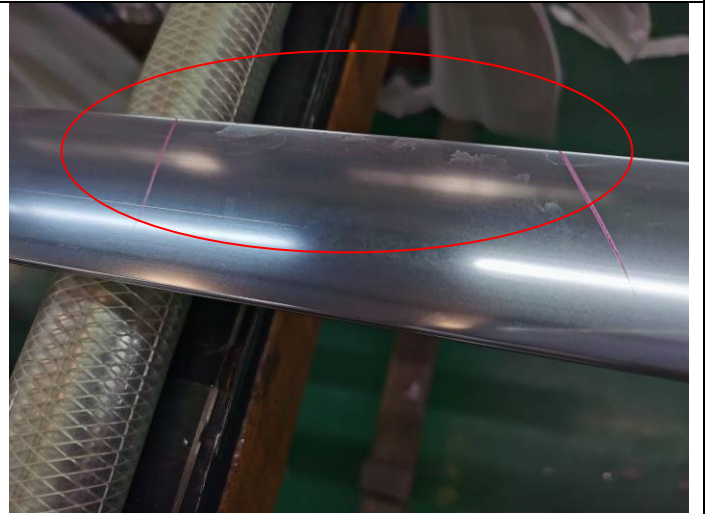
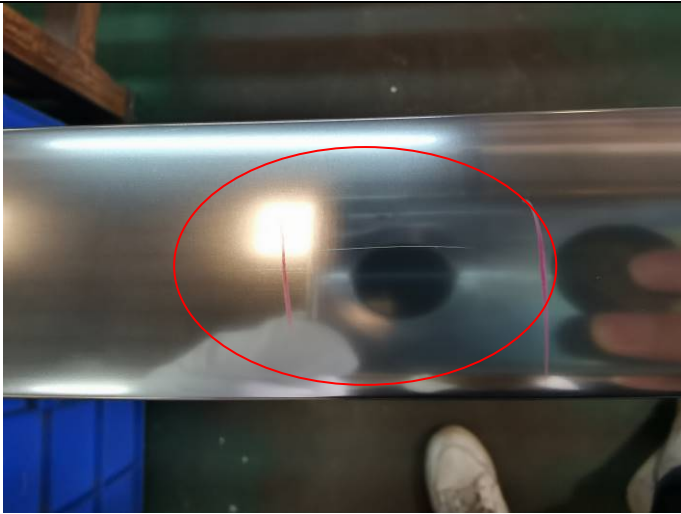
First Inspection

| Part No: | Quantity | Appearance Sample Size | Dimension Sample Size | Defect Descriptions | Cri | Maj | Min | QC Initials & Date |
|-------------|----------|------------------------|-----------------------|---------------------------|-----|-----|-----|--------------------|
| 610 | 190 | 32 | 13 | Scratched 1pcs (replaced) | 0 | 0 | 1 | TL-2021-1-7 |
| 712 | 126 | 20 | 8 | | 0 | 0 | 0 | TL-2021-1-7 |
| 613 | 90 | 20 | 8 | | 0 | 0 | 0 | TL-2021-1-7 |
| 135 (2.05M) | 192 | 32 | 13 | Scratched 1pcs (replaced) | 0 | 0 | 1 | TL-2021-1-7 |
| 135 (2.45M) | 75 | 8 | 3 | | 0 | 0 | 0 | TL-2021-1-7 |
| 135 (1.55M) | 69 | 8 | 3 | Dirt | 0 | 0 | 1 | TL-2021-1-7 |
| 132 (2.05M) | 671 | 80 | 32 | Scratched 2pcs (replaced) | 0 | 0 | 2 | TL-2021-1-7 |
| 132 (2.45M) | 72 | 8 | 3 | | 0 | 0 | 0 | TL-2021-1-7 |
| 132 (1.55M) | 96 | 13 | 8 | Scratched 1pcs (replaced) | 0 | 0 | 1 | TL-2021-1-7 |
| 543 (2.05M) | 288 | 32 | 13 | Scratched 1pcs (replaced) | 0 | 0 | 1 | TL-2021-1-7 |
| 534 (2.45M) | 60 | 8 | 3 | | 0 | 0 | 0 | TL-2021-1-8 |
| 543 (1.55M) | 57 | 8 | 3 | Spot 1pcs | 0 | 0 | 1 | TL-2021-1-8 |
| 657 | 126 | 13 | 5 | Scratched 1pcs (replaced) | 0 | 0 | 1 | TL-2021-1-8 |
| 576 | 103 | 13 | 5 | Scratched 1pcs (replaced) | 0 | 0 | 1 | TL-2021-1-8 |

Remarks:

 Rejected Accepted Conditional Acceptance

Defect Photos



Special Checks

1. Fit Test

| |
|---|
| Is there a mating part and/or an assembly drawing provided by the Client: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Sample Size: Several pcs of each part to which mating parts are available. |

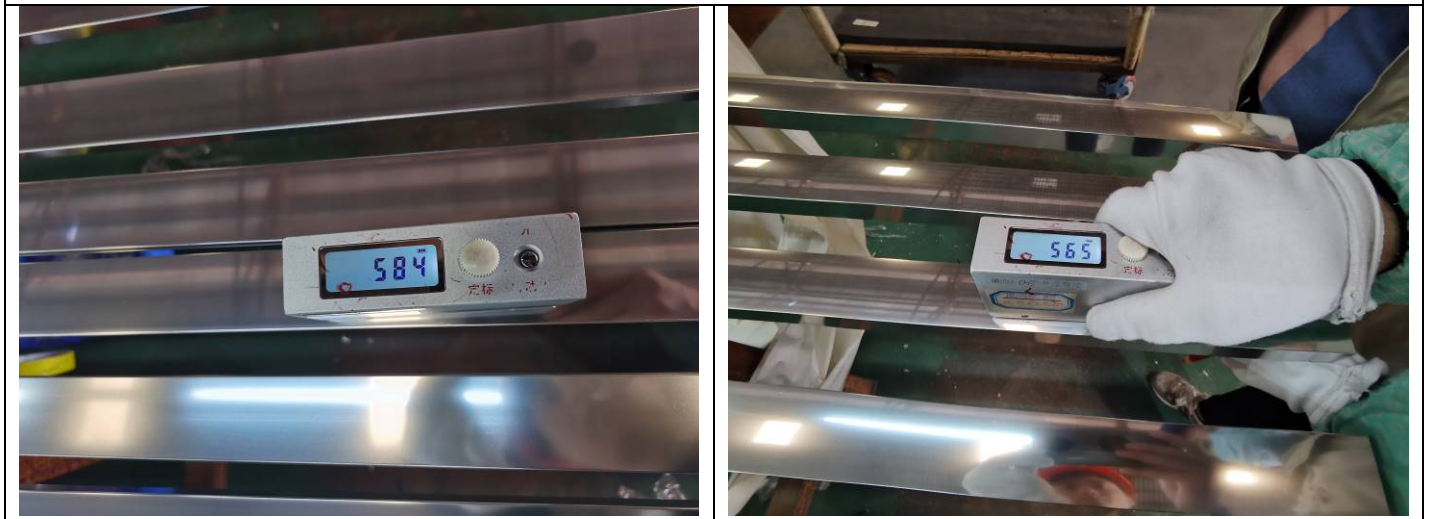
| Part No | Mates With | Tested to Fit with | Quantities Tested | Result |
|---------|------------|--------------------|-------------------|--------|
| / | / | / | / | / |

2. Surface Hardness

| |
|--|
| Hardness Requirement: OK |
| Sample Size: Several pcs of each order |
| Photos |
| |

3. Brightness Test

| |
|---|
| Is there a color limit sample or brightness limits confirmed by the client: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Check against: <input type="checkbox"/> a color sample <input checked="" type="checkbox"/> brightness limits (450-584) |
| Result: OK |



4. Film thickness Test

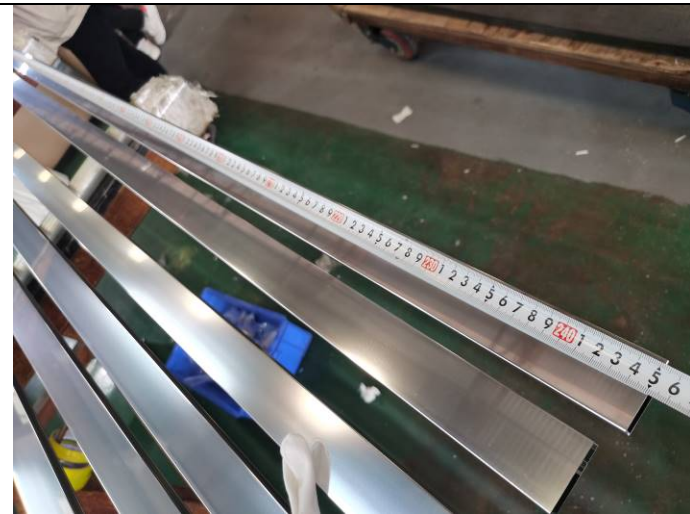
| |
|-------------------------------|
| Film thickness limits (2-4) |
| Result: OK |



5. Packaging

| |
|--|
| Is there a packaging requirement confirmed by the Client: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Packaging Standard: <input checked="" type="checkbox"/> Linkan's packaging standard <input type="checkbox"/> Client's packaging standard |
| Result: OK |
| Photos: |

PHOTO REMOVED FOR CLIENT CONFIDENTIALITY



Other Checks

- Quantities of all parts matches purchase order.
- Goods conform to all requirements in Linkan's purchase order.

Consignment Overall Assessment

- Qualified Not Qualified

Remarks:

(appears on original form)

(Signature of Linkan Inspector)

8/1/2021

(Date – dd/mm/yy)

Tenney

(Name of Linkan Inspector)

(appears on original form)

(Signature of Supplier's Authorised Representative)

8/1/2021

(Date – dd/mm/yy)

Miss 李

(Name of Supplier's Authorised Representative)

Client Approval to Dispatch

If the consignment is not qualified, written authorization must be given by the client if the goods are required to be dispatched prior to the defects being rectified and the consignment being re-assessed as qualified.

We hereby authorize the above consignment (including all unqualified part numbers/batches excluding all unqualified part numbers/batches) to be dispatched immediately, without further rework or replacement.

.....
(Signature of Authorised Representative)

.....
(Date)

.....
(Name & Position of Authorised Representative)

APPENDIX 1: DEFINITIONS

Defects: Defects are expressed as a percentage. When each item can contain more than one defect, it is expressed as the total number of defects per 100 items.

Inspection Levels (for Military Standard 105E, MIL-STD-105E): The inspection level helps determine the sample size for a given batch size. Levels I, II, and III are general inspection levels:

1. Level II is designated as normal.
2. Level I requires about half the amount of inspection as level II, and is used when reduced sampling cost are required and a lower level of discrimination (or power) can be tolerated.
3. Level III requires about twice the amount of inspection as level II, and is used when more discrimination (or power) is needed.

The four special inspection levels S-1, S-2, S-3, & S-4 use very small samples, and should be employed only when small sample sizes are necessary, and when large sampling risks can be tolerated.

Inspection Type: There are three types of inspection:

1. Normal inspection is used at the start of the inspection activity.
2. Tightened inspection is used when the vendor's recent quality history has deteriorated (acceptance criteria are more stringent than under normal inspection).
3. Reduced inspection is used when the vendor's recent quality history has been exceptionally good (sample sizes are usually smaller than under normal inspection).

APPENDIX 2: MILITARY STANDARD 105E TABLES

Table 1 - Sample Size Code Letters

| Lot or batch size | | | Special inspection levels | | | | General inspection levels | | |
|-------------------|----|--------|---------------------------|-----|-----|-----|---------------------------|----|-----|
| | | | S-1 | S-2 | S-3 | S-4 | I | II | III |
| 2 | to | 8 | A | A | A | A | A | A | B |
| 9 | to | 15 | A | A | A | A | A | B | C |
| 16 | to | 25 | A | A | B | B | B | C | D |
| 26 | to | 50 | A | B | B | C | C | D | E |
| 51 | to | 90 | B | B | C | C | C | E | F |
| 91 | to | 150 | B | B | C | D | D | F | G |
| 151 | to | 280 | B | C | D | E | E | G | H |
| 281 | to | 500 | B | C | D | E | F | H | J |
| 501 | to | 1,200 | C | C | E | F | G | J | K |
| 1,201 | to | 3,200 | C | D | E | G | H | K | L |
| 3,201 | to | 10,000 | C | D | F | G | J | L | M |
| 10,001 | to | 35,000 | C | D | F | H | K | M | N |

Table 2 - Single Sampling Plans for Normal Inspection Type

| Sample Size Code | Sample Size | Acceptable Quality Levels (normal inspection) | | | | | | | |
|------------------|-------------|---|----|-----|----|-----|----|-----|----|
| | | 1.0 | | 1.5 | | 2.5 | | 4.0 | |
| | | Ac | Re | Ac | Re | Ac | Re | Ac | Re |
| A | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| B | 3 | | | | | | | | |
| C | 5 | | | | | | | | |
| D | 8 | | | | | | | | |
| E | 13 | | | | | 1 | 2 | 1 | 2 |
| F | 20 | | | | | | | | |

| | | | | | | | | | |
|----------|------------|----|----|----|----|----|----|----|----|
| G | 32 | | | | | 2 | 3 | 3 | 4 |
| H | 50 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 6 |
| J | 80 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 |
| K | 125 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 |
| L | 200 | 5 | 6 | 7 | 8 | 10 | 11 | 14 | 15 |
| M | 315 | 7 | 8 | 10 | 11 | 14 | 15 | 21 | 22 |
| N | 500 | 10 | 11 | 14 | 15 | 21 | 22 | | |

Key:

Ac = Acceptance number

Re = Rejection number

Notes:

1. The above table applies to the *Single* sampling procedure and the *Normal* inspection type.
2. If sample size is equal to or larger than the batch/lot size, do 100% inspection.
3. This sampling plan must be used in conjunction with the Military Standard 105E switching rules.

Instructions:

1. In table 1, find the sample size code letter that corresponds to the relevant batch/lot size and inspection level.
2. In table 2, find the sample size and acceptance and rejection numbers that correspond to the sample size code found in table 1 and the acceptable quality level (AQL).
3. From the batch/lot, randomly check the number of items equal to the sample size found in table 2. If the number of defective items found in the sample is less than or equal to the acceptance number, accept the batch. If the number of defects is greater than or equal to the rejection number, reject the batch.