

Metal Parts Pre-Shipment Inspection Report

Version No.: 1.0

Consignment Details

Client: SL7	Supplier: DBS20
P/O Number: SL7-R-145166A-1	Product: Metal Parts

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

Part No.: **223**Order Quantity: **1000pcs**Inspection Quantity: **1000pcs**

First Inspection

Part No.	Batch Quantity	Appearance Sample Size	Dimension Sample Size	Defect Descriptions	Cri	Maj	Min	QC Initials & Date
223	1000	125	50		0	0	0	K.X., 5/26/20

Remarks:

 Rejected Accepted Conditional AcceptancePart No.: **524**Order Quantity: **1000pcs**Inspection Quantity: **1000pcs**

First Inspection

Part No.	Batch Quantity	Appearance Sample Size	Dimension Sample Size	Defect Descriptions	Cri	Maj	Min	QC Initials & Date
524	1000	125	50	Burr around screw hole * 2pcs (rework)	0	0	2	K.X., 5/26/20

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: Yes 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. Brightness Test

Is there a color sample confirmed by the client: Yes No

Result: **OK**

3. Packaging

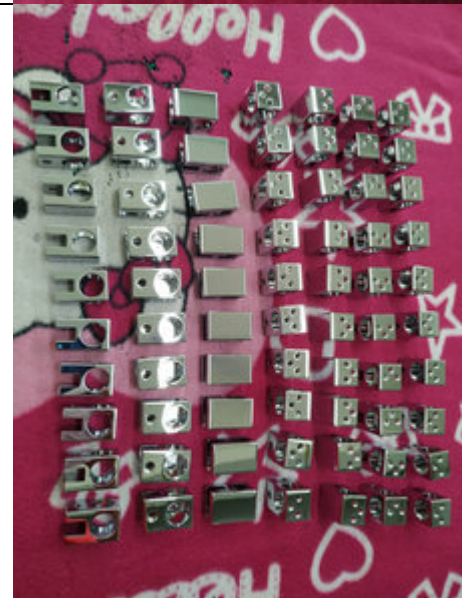
Is there a packaging requirement confirmed by the Client: Yes No

Packaging Standard: Linkan's packaging standard Client's packaging standard

Result: **OK**

Photos:





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)

5/26/2020

(Signature of Linkan Inspector)

(Date – dd/mm/yy)

Kimi

(Name of Linkan Inspector)

(appears on original form)

5/26/2020

(Signature of Supplier's Authorised Representative)

(Date – dd/mm/yy)

Mrs. Jiang

(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:

- Level II is designated as normal.
- 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.
- 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:

- Normal inspection is used at the start of the inspection activity.
- Tightened inspection is used when the vendor's recent quality history has deteriorated (acceptance criteria are more stringent than under normal inspection).
- 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								
F	20	1	2	1	2	1	2	1	2
G	32								
H	50	1	2	1	2	2	3	2	3
J	80								
K	125								
L	200	5	6	7	8	10	11	5	6
M	315								
N	500	7	8	10	11	14	15	7	8
		10	11	14	15	21	22	21	22

Key:
Ac = Acceptance number
Re = Rejection number

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

- Instructions:
- In table 1, find the sample size code letter that corresponds to the relevant batch/lot size and inspection level.
 - 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).
 - 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.