



JYSK SOP

Acceptance sampling according to AQL

Scope

This SOP describes the procedure for 'Acceptance sampling according to AQL' used as a last instance to solve disputes regarding nonconforming products between JYSK and suppliers.

Change-log

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1 Application

JYSK can apply the described acceptance sampling procedure for any type of inspection according to [JYSK General Requirements](#) in case of unsolvable dispute.

If the deciding inspection is carried out as first-hand inspections at JYSK Distribution Centers, duly authorized representatives for both [JYSK C&Q](#) and the supplier must participate until a conclusion is reached.

If the deciding inspection is carried out by third party, [JYSK C&Q](#) and the supplier must agree on which third party inspector(s) to use before initiating the deciding inspection.

2 Sampling method

The sampling method must be according to [Table 1](#).

Sampling method	According to ISO 2859-1 <ul style="list-style-type: none"> General inspection level II Single sampling plans for normal inspections
Expression of nonconformity	'Percent nonconforming' (products)
Classification of nonconformities	JYSK and the supplier must agree on specific definitions of <i>Critical</i> , <i>Major</i> and <i>Minor</i> in accordance with 3 before initiating the inspection.
Acceptance Quality Level (AQL)	According to 4 .

Table 1 – Sampling method

3 Classification of nonconformities

During the assessment of inspection results classifications according to [Table 2](#) must be applied.

Classification:	Type of nonconformity:
Critical	<ul style="list-style-type: none"> Legal violations Content of restricted substances Breach of safety requirements
Major	<ul style="list-style-type: none"> Functional defects Breach of agreed specifications and requirements Nonconformities and defects that end-consumers will notice
Minor	<ul style="list-style-type: none"> Nonconformities and defects that end-consumers will not notice

Table 2 – Classification of nonconformities

4 Acceptance Quality Levels (AQL)

During the assessment inspection results classifications according to [Table 3](#) must be applied.

Nonconformity classification:	Acceptance Quality Limit (AQL):	
Critical	Unacceptable (AQL=0.0)	
Major	'Average claim rate' according to 4.1 rounded to nearest 'Standard AQL' ≤4.0 Note: 'Standard AQL' are: 0.065, 0.10, 0.15, 0.25, 0.40, 0.65, 1.0, 1.5, 2.5 and 4.0.	
Minor	<ul style="list-style-type: none"> 'GOLD'-products 	2.5
	<ul style="list-style-type: none"> 'PLUS'-products 'BASIC'-products Products that are not quality rated ('BASIC', 'PLUS' or 'GOLD') 	4.0

Table 3 – Acceptance Quality Levels (AQL)

4.1 Average claim rate

The 'Average claim rate' must be calculated as the 'Total claims %' based on JYSK claim-statistics from stores:

- Based on similar products (If not otherwise agreed the applicable product group of the concerned product).
- Looking one year back.
- Cleaned for outliers such as product disposals initiated by JYSK.

The supplier must acknowledge the 'Average claim rate' before initiation of the deciding sampling.

5 Sample plans (Informative only)

Lot/Batch Size			Sample Size	Acceptable Quality Level (Normal inspection – General inspection level II)																																				
				0.065		0.10		0.15		0.25		0.40		0.65		1.0		1.5		2.5		4.0																		
				Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re																	
2	To	8	2	↓																																				
9	To	15	3																				0	1	↑															
16	To	25	5																																					
26	To	50	8																				0	1	↑	↓	1	2	2	3	3	4								
51	To	90	13																																					
91	To	150	20																																					
151	To	280	32	↓																																				
281	To	500	50																				0	1	↑	↓	1	2	2	3	3	4	5	6						
501	To	1200	80																																					
1201	To	3000	125																				0	1	↑	↓	1	2	2	3	3	4	5	6	7	8	10	11	14	15
3201	To	10000	200																																					
10001	To	35000	315																																					
35001	To	150000	500	↓																																				
150001	To	500000	800																				1	2	2	3	3	4	5	6	7	8	10	11	14	15	21	22		
500001	And	Over	1250																																				2	3
↑ = Use first sampling plan below arrow. If sample size equals or exceeds the lot or batch size perform 100% inspection. ↓ = Use first sampling plan above arrow. Ac = Acceptance number. Re = Rejection number.																																								