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Welcome to the QualityNet specific manual – this is a step by step illustration of using QualityNet

- This is a specific instruction for QualityNet V3.58 onward. For earlier version please refer to the old manual.
- For installation instruction, please refer to the separate installation guide.
- For the general instruction of our software, please refer to the ibuyer.hk general software manual.
- For the platform, database structure and design change of software, please refer to the technical manual

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Target user

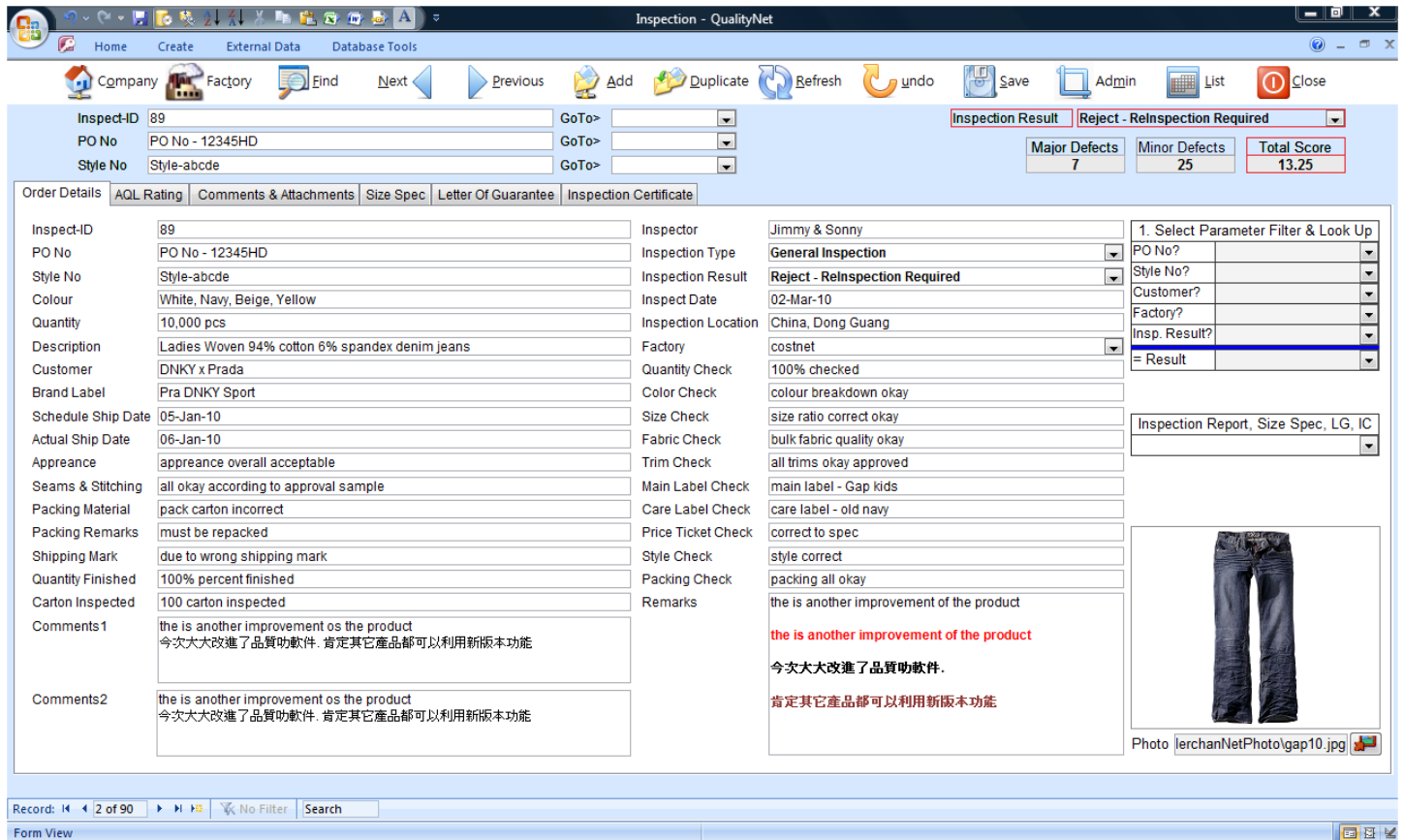
QualityNet is aiming at quality assurance, quality control department of buying office, sourcing company and trading company. Company in import and export of soft line product will find this software extremely helpful for them to justify the quality performance of their suppliers. Best for garment, clothing, apparel, fashion Accessories, footwear, bags, luggage, plush toys, hats, travel goods, sporting goods, sundries, household items, home textiles, giftware, premium, promotional items and etc.

Design concept

The design concept of QualityNet is combined with two modules. One of the key features is the inspection panel and the next is the factory details panel. By using the factory detail panel, it collects the factory basic information, together with the inspection panel will give management detail reports on quality and delivery performance.

Inspection panel

When you start the QualityNet software, by default the inspection panel will be opened.



This panel is working like an inspection report, while the quality inspector fills in all the order detail and inspection result. Each inspection would be created in a single record in the database software. The inspection would be for single order, single style with few colors. It could be a pre production inspection, in line inspection or final inspection. The purpose is to collection the inspection result of the production at different stage.

Factory detail panel

The factory detail panel is to maintain factory basic information, contact details, facility, compliance, capacity and capability and machinery list. The management can use this information to judge whether the factory is meeting the compliance requirement. As you know almost all of the buyer require a compliance audit for all of their suppliers. Which is to make sure their merchandise are not coming from a blood and sweat factory, respect human rights at all times. The compliance check point of the factory detail panel will require inspector to review the factory to meet code of conducts, fair trade, minimum wages, medical insurance, no child labor, no prison labor, reasonable overtime and etc.

It also maintains important production information;

- Facility; infrastructure of the factory building
- Capacity; monthly production capacity i.e. 10,000 pairs of denim jeans per month
- Capability; able to produce what kind of product i.e. woven, sweater, jeans, embroidery, printing & etc.
- Machinery list; what kind of machine available i.e. computer embroidery machine, rotary printing machine, pleating machine.

So that when management or merchandiser decided to place an order with the factory, they have some information refereeing to.

Inspection and AQL

Our inspection rating is using the industrial standard AQL, which is the **acceptance quality level** inspection. We are using the general inspection, random sampling method, normal inspection level 2.5 and 4.0. This is a pretty much industrial standard and widely acceptable for most retail buyer, chain store from U.S.A. and Europe. Meantime AQL 2.5 and 4.0 is commonly used and nominated by overseas buyer. That’s why we are also using this AQL level with major and minor defect detection and rating as our QualityNet rating standard.

Example of the AQL standard table

Acceptance Quality Level Standard		General Inspection Level II - Normal			
Bulk Quantity	Sample Size	AQL 2.5 Accept	AQL 2.5 Reject	AQL 4.0 Accept	AQL 4.0 Reject
8	2	0	0	0	1
15	3	0	0	0	1
25	5	0	1	0	1
50	8	1	2	0	1
90	13	1	2	1	2
150	20	1	2	2	3
280	32	2	3	3	4
500	50	3	4	5	6
1200	80	5	6	7	8
3200	125	7	8	10	11
10000	200	10	11	14	15
35000	315	14	15	21	22
150000	500	21	22	21	22
500000	800	21	22	21	22
2000000	1250	21	22	21	22
5000000	2000	21	22	21	22

Suppose you have an order bulk quantity between 3,200 pcs to 10,000 pcs;

- Then you have to randomly pick 200 pcs (sample size) of bulk production for inspection.
- Your inspector needs to identify the number of major defect and number of minor defect within these 200 pcs of product.
- By counting 4 minor defects = 1 major defect and add up to a total score.
- In case of AQL 2.5; if the total score below 10, the whole lot is accepted else it is rejected.
- In case of AQL 4.0; if the total score below 14, the whole lot is accepted else it is rejected.

If the production has been rejected base on the above finding, rectify and re-inspection is required.

Random sampling

In order to make sure the inspection is reliable and honorable, a random inspection is straightly require and execute. To perform a random inspection, inspector must compile two conditions;

- At least 80% of the merchandiser being finished.
- The inspecting merchandise must be randomly picked within the 80% finished merchandise.

Letter of guarantee and inspection certificate

After finishing inspection, sometimes the letter of guarantee and inspection certificate needed to be issued by the quality assurance department. The QualityNet also has these two document format and can be issued after inspection carried out.

The screenshot shows the QualityNet software interface. At the top, there is a navigation bar with tabs: Home, Create, External Data, and Database Tools. Below this is a secondary navigation bar with icons for Company, Factory, Find, Next, Previous, Add, and Duplicate. The main area contains a form with the following fields:

- Inspect-ID: 89
- PO No: PO No - 12345HD
- Style No: Style-abcde


Below the form are several tabs: Order Details, AQL Rating, Comments & Attachments, Size Spec, Letter Of Guarantee, and Inspection Certificate. The 'Letter Of Guarantee' and 'Inspection Certificate' tabs are highlighted with a red box. The 'Order Details' tab is active, showing a list of inspection items and their corresponding checkmarks:

Inspect-ID	89	Inspector	J
PO No	PO No - 12345HD	Inspection Type	G
Style No	Style-abcde	Inspection Result	F
Colour	White, Navy, Beige, Yellow	Inspect Date	0
Quantity	10,000 pcs	Inspection Location	C
Description	Ladies Woven 94% cotton 6% spandex denim jeans	Factory	c
Customer	DNKY x Prada	Quantity Check	1
Brand Label	Pra DNKY Sport	Color Check	c
Schedule Ship Date	05-Jan-10	Size Check	s
Actual Ship Date	06-Jan-10	Fabric Check	b
Appreance	appreance overall acceptable	Trim Check	a
Seams & Stitching	all okay according to approval sample	Main Label Check	n
Packing Material	pack carton incorrect	Care Label Check	c
Packing Remarks	must be repacked	Price Ticket Check	c
Shipping Mark	due to wrong shipping mark	Style Check	s
Quantity Finished	100% percent finished	Packing Check	p
Carton Inspected	100 carton inspected	Remarks	ti
Comments 1	the is another improvement os the product 今次大大改進了品質叻軟件. 肯定其它產品都可以利用新版本功能		ti

Once you have fill in the LG term and IC terms, you may print out the above two documents.

An example of the letter guarantee

TradingNet garment trading limited 貿易叻成衣進出口貿易公司		Letter Of Guarantee	
www.ibuyer.hk			
Inspect-ID	24		
PO No	PO-new inspection		
Style No	new style		
Colour	red blue green		
Quantity	10,000,000 pcs		
Description	electronic diode 12omron		
Customer	NEC and Sony		
Brand Label	Kingmax memory		
Schedule Ship Date	19-04-10		
Actual Ship Date	18-04-10		
Inspector	eddie		
Inspection Type	In-Line Production Inspection		
Inspection Result	Rejected - Reinspection Required		
Inspect Date	18-04-10		
Inspection Location	惠州市		
Factory	anymoth		



Please note during our random inspection, following discrepancies were found. Your company are fully responsible for any subsequentes arise form this said quality issue if claims were being made by final customer. Since our company only carry out random inspection for the said merchandise, We do not bear any of the responsibility caused by the manufacture rdue to their negligent on fulfilling the overseas customer's needs

LG Terms

- The colour shading problem must be rectify
- The raw edge must be trimmed away before shipment

this is a new letter of guarantee terms when this is up and running, all aspect will be ongoing
 今次大大改進了品質條款，保證其他產品都可以利用新條款功能
 today this qualitynet has been reinvented with new function and features

Confirm accepting liability by:	For and on behalf of:
_____	_____
anymoth	TradingNet garment trading limited

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Factory performance

The core value and main purpose of QualityNet is to gather factory's inspection result for individual order, meantime create a factory performance report to analyze and compare the quality and delivery performance of different factories.

For example, below factory performance report will tell management

- Average days delay for each factory; this is the actual ship date – schedule ship date sum up in an average.
- Average score; this is the average score of the total score for each inspection.

Factory	Average Days Delay	Average Major	Average Minor	Average Score
QTNET	2.33			
WareNet	0.67	3.00		
TradeNet	3.00	1.00	11.00	3.75
Anywhere	1.63			
qwert	1.59	3.60	8.20	5.65
anymoth	2.00	1.00	10.00	3.50
costnet	3.55	4.50	17.33	8.83
newfty	6.25	2.00	7.00	3.75
newnoaql		1.00	12.00	4.00
newcodeg	205.00	1.00	14.00	4.50
Average Figures	25.11	2.14	11.36	4.85

In the above report, if the factory has largest number in average days delay, like **newcodeg 205 days** in average for all order.

The **qwert and costnet** has an average score of **5.65 and 8.83** respectively, of course their performance is not good in compare.

This can give management or quality control manager a very clear view of what happen to the factory in quality and delivery.

Factory overall comparison

Senior management not only has to compare the delivery and quality standard, they also need to review the order minimum, lead-time, payment, trade term, product type, monthly capacity, technical specialty, average days delay and average score as an overall comparison.

FactoryCode	Order Minimum	Leadtime	Payment Terms	Trade Terms	Product Type	Monthly Capacity	Technical Specialty	Avg. Days Delay	Average Score
anymoth	200 per colour	1234567890123456	123456789012345678	12345678901234567	top blouse	15,000	washing	2.00	3.50
Anywhere	10,000 pcs per order	60 days after confir	LC at sight	FOB ex India	Woven, fine knit, T-shi	120,000 pcs knitted shirt	embroidery, printing	1.63	
costnet	10,000	當中一定有一些工廠	當中一定有一些工廠	當中一定有一些工廠	bottom jeans	108,000	printing sandblasting	3.55	8.83
newcodeg	10,000 pcs	60 days	LC at sight	FOB hong Kong	Woven Knit Jacket	100,000 pcs	heavy weight jacket	205.00	4.50
newfly	300	abodefghijklmnopq-1	abodefghijklmnopq-12	abodefghijklmnopq-1	sweater	120,000	duck down	6.25	3.75
newnoaq1	10,000 pcs per order	60 days after confir	LC at sight	FOB ex India	Woven, fine knit, T-shi	120,000 pcs knitted shirt	embroidery, printing		4.00
QTNET	1000	1234567890123456	123456789012345678	12345678901234567	shorts cargo pants	100,000	soil free	2.33	
qwert	10,000 pcs	60 days	LC at sight	FOB hong Kong	top shirt	100,000 pcs	heavy weight jacket	1.59	5.65
TradeNet	10,000	abodefghijklmnopq-1	abodefghijklmnopq-12	abodefghijklmnopq-1	dress skirt	80,000	coating	3.00	3.75
WareNet	500	當中一定有一些工廠	當中一定有一些工廠	當中一定有一些工廠	jacket jeans	120,000	wrinkle free	0.67	
Average Figures								25.11	4.85

Since delivery and quality is not the only consideration for evaluate a factory's performance. Senior management can also use the **select parameter filter & look up** to find out the overall performance between vendors.

The screenshot shows the 'Factory Details - QualityNet' application. The main form displays information for factory 'costnet', including its name 'Costing Net garment production factory 成本叻服裝製造業' and address 'room 1290, unit ABC, Tai woo road, shat tin, kowloon, HONG KONG'. A red box highlights a dropdown menu titled '1. Select Parameter Filter & Look Up' with options for Order Min?, Leadtime?, Product Type?, Capacity?, and Specialty?. Below the form is a table with columns: Factory Code, Order Minimum, Leadtime, Payment Term, Trade Term, Product Type, Monthly Capacity, Technical Specialty, Avg Delay, Avg Major, Avg Minor, and Avg Score. The table lists various factory codes and their corresponding metrics.

Defect analyze

For individual factory, a defect analyze report is important for them to improve their quality and workmanship of their merchandise.

QualityNet will issue a defect analyze report for all factory and with average comparison. These report server two functions;

- Compare the defective issue and rating for different factory.
- Give each factory a summary report to tell them what has to be improved in future production.

Defect Analyze			
Factory	Defect Description	Major Sum	Minor Sum
costnet			
	口袋宽度大于口袋盖宽度，超过1 / 8英寸。	2	2
	衣袖的摺边或饰面不均匀、扭曲或在其他任何方面缝钉不当。	1	6
	Broken or damaged button. New spec	1	3
	Coating omitted or thickness of coating / plating less than specified	1	5
	Hi-low yokes at seams.	1	4
	Width of belt is more than 1/4 inch too wide or too narrow.	1	3
	未按指定的要求沿着纹理进行裁剪，影响到服装外表。	1	4
	Any foreign objects imbedded ion leather	1	1
	拉带末销没有保险物（没有阻止物）。		1
	拉链带的缝钉过松或过紧，导致拉上拉链后，拉链带突起或开口。		2
	Belt length not within 1/4 of an inch as specified.		4
	对服装的某些部位进行了无关的操作或缝绞（未授权的缝绞）。		4
	Uneven hem.		4
	Hem or facing of sleeve is uneven, twisted or poorly sewn in any respect.		2
	Fabric Holes or obvious weakening defects that could easily develop into a hole.		4
	反转的贝壳式衣边下面的衬里离边缘距离少于1 / 2英寸。		3
Summary for 'Factory' = costnet (17 defect records)			
		Sum	9.00 52.00
		Avg	1.13 3.25

In addition, this report also helping;

- Factory can use this report to focus on their production detects hence giving measure to improve their quality.
- Quality manager can use this report to identify the production weakness of the factory and avoid placing them with unsuitable products.
- Merchandising manager can use this report to identify the overall production weakness of the factory and avoid placing with quality demanding products.

Average days delay

On the above reports, the average days delay is also showing, this is quite useful for;

- Merchandising manager can use this figure to identify the production speed of the factory and avoid placing them with short

lead-time orders.

- If you have an urgent order need to execute in a fast cycle, you have to look for a less days delay factory.

Workgroup user name and password

Our database software by nature is being used by multiple user over a company network in order to get the most benefit of its information sharing purpose, thus a structural database is very powerful for business operation. On top of sharing data beyond merchandisers, user right control is also important to limit individual staff to access any sensitive information. In this connection, we have designed our database software with build-in user right workgroup to achieve this goal. Listed below is the build-in user name, password and their right.

By default, all users password is **123** for all logon names.

<u>User name</u>	<u>password</u>	<u>right</u>
Demo	123	trials only
Ibuyer.hk	6644911911	project designer
Boss	123	admin
ReadOnly	123	read only
AddOnly	123	add data only
EditOnly	123	edits data only
Jsales	123	read only
Jsales01	123	read only
Jsales02	123	read only
Jsales03	123	read only
Sales	123	read only
Sales01	123	read only
Sales02	123	read only
Sales03	123	read only
QC01	123	all modules
QC02	123	all modules
QC03	123	all modules
QC04	123	all modules
QC05	123	all modules
QCMgr	123	all modules
SRQC	123	all modules
Merchan01	123	read only
Merchan02	123	read only
SrMerchan01	123	read only
SrMerchan02	123	read only
MerchanMgr	123	all modules

That's for the QualityNet software and we really hope this database software can help improve your company's quality and on time delivery. As a result increase the added value of your buying office or sourcing company's capability.