

## One Point Lesson is the Best Continuous Improvement Tool in Manufacturing Industry

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### Introduction –

Every organization focuses on one point lessons for the purpose of continuous improvement. One point lesson gives the point wise description. Researcher explains the one point lesson with example. Researcher explains the benefit of the one point lesson. Researcher explains the difference between the Q alert & one point lesson.

**Keywords –** One point lesson, Quality alert

### Literature Review –

One point lesson is the new concept in the quality. One point lesson is alternative method for the quality alert. Some articles are studied for this research.

Katarzyna Szwedzka writes a article “One point lesson as a tool for work standardization and optimization – Case study.” The usages of single point lesson are a technical support for machine operators. These case studies indicate stability and continuity of the process, share the knowledge of advanced operators in the form of single page instructions.

Researcher focus on theory of one point lesson & explain the example.

### Introduction -

**O**ne point lesson is 20% written matter & 80% visual work. Free hand sketches, photos & pictures give the information. One point lesson prepared person firstly train the employee. One point lesson means information about specific problems & improvements. They improve the team's performance.

The main objective of the one point lesson is as below.

1. Safety
2. Basic Knowledge
3. Trouble
4. Improvement

1. Safety –

This lesson ensures the safety gap. Lesson creates the awareness of potential risk.

2. Basic Knowledge –

Lesson removes the knowledge gap. Lesson gives the basic knowledge information.

3. Trouble –

Lesson gives actual examples of breakdowns, defects and other abnormalities to illustrate how to identify and avoid a work place problem. It is most

effective when presented immediately after the problem occurs.

4. Improvements –

This type of lesson summarizes the concepts, content and results of improvements that result from team activities. It helps teams in other areas make similar improvements.

Difference between quality alert & one point lesson

1. Quality alert is a tool, which provides quality problem of the part to the respective personal to avoid in future.
2. Quality alert & OPL generally prepared and issued by Supervisor, Middle level engineer to the final / process quality personal, shop floor in charge or main machine operator.
3. Quality alert & OPL also created whenever customer complaint received.
4. Quality tool and OPL is taking 15 minutes of time to writing.
5. Quality alert and OPL is written on single paper and single point.



### It consists of following points

- (a) Part description
- (b) Quantity rejected

- (c) Date of rejection
- (d) Problem description
- (e) Countermeasure
- (f) Picture of *actual* and *defect part*. Format of one point lesson has below.

R J INDUSTRY			
ONE POINT LESSON			
CUSTOMER NAME		PART NAME	
ISSUE		DATE	PART NO.
COMPLAINT DETAIL	<input checked="" type="checkbox"/>		
CASSIFICATIO	BASIC KNOWLEDGE	IMPROVEMENT CLASSES	TROUBLE CLASS
		<input type="checkbox"/>	<input type="checkbox"/>
Lesson			
Date Executed		Trainer sign	
Trainee Sing			
Trainee Sing			
Prepared BY		Approved	

operator. R J industry creates the one point lesson. One point lesson has below.

R J INDUSTRY			
ONE POINT LESSON			
CUSTOMER NAME	Dana Eng. Pvt.Ltd.	PART NAME	Oil Pump housing
ISSUE		DATE	PART NO.
DATE	13/12/2018		3801
COMPLAINT DETAIL	M16X1.5 TAP Missing complainit.		
CASSIFICATIO	BASIC KNOWLEDGE	IMPROVEMENT CLASSES	TROUBLE CLASS
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
			
	NOT OK	OK	
Lesson	After 3rd operation every job verify & blue mark apply on M16 tap by operator		
Date Executed	14/12/2018	Trainer sign	
Trainee Sing			
Trainee Sing			
Prepared BY :		Approved By :	

**Conclusion –**

One point lesson is the better solution in problem solving. Q alert is not a single page but one point lesson provides the good message on single page. One point lesson helpful for the short period. Hence single point lesson is using many industries. Customer satisfaction is increases after the implementation of Q alert.

**Points to Remember when write Quality alert and one point lesson.**

1. Only one sheet is used and one topic is covered.
2. It must be written in understandable language or regional language as it is read by workers, use Hindi less English in India.
3. Words should write in capital letters
4. It takes 15 minutes to write and same time for explanation.
5. Consists more pictorial diagram for better understanding of problem.

**Implementation Of one point lesson –**

R J industry situated in Shirol MIDC. R J industry is expert in machining. R J industry has the eight customers. R J Industry raise the M 16\*1.5 tap missing complaint. After third operation every job verifies & blue mark applies on M16 tap by

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