

## **6.1.2.3 – Contingency Plan**

### 6.1.2.3 Contingency Plan

The organization shall:

- a) **identify and evaluate internal and external risks to all manufacturing processes and infrastructure equipment essential to maintain production output and to ensure that customer requirements are met;**
- b) **define contingency plans according to risk and impact to the customer;**
- c) **prepare contingency plans for continuity of supply in the event of any of the following:** key equipment failures (also see Section 8.5.6.1.1); **interruption from externally provided products, processes, and services; recurring natural disasters; fire;** utility interruptions; **cyber-attacks on information technology system**, labour shortages; **or infrastructure disruptions;**

- d) include as a supplement to the contingency plans, a notification process to the customer and other interested parties for the extent and duration of any situation impacting customer operations;
- e) periodically test the contingency plans for effectiveness (e.g., simulations, as appropriate);
- f) conduct contingency plan reviews (at a minimum annually) using a multidisciplinary team including top management, and update as required;
- g) document the contingency plans and retain documented information describing any revision(s), including the person(s) who authorized the change(s).

The contingency plans shall include provisions to validate that the manufactured product continues to meet customer specifications after the re-start of production following an emergency in which production was stopped and if the regular shutdown processes were not followed.

**Important Point** - Underline wordings are changes w.r.t Sanctioned Interpretations for IATF 16949:2016 released Oct 17 by [www.iatfglobaloversight.org](http://www.iatfglobaloversight.org)

# Changes

This is a **modified** requirement w.r.t ISO/TS 16949:2009, Clause no. 6.3.2 – Contingency Plans

**Documented Process** – Not Required

**Documented Information** – Required

E.G – Contingency Plan

# Explanation

It's similar to previous with changes of **periodically testing of contingency effectiveness** & notification requirement to customer

# Case Study

**Key Equipment** - Compressor 20 HP

**Alternate Equipment** - Compressor 10 HP

**Requirement** - Should be Operational

**Testing Frequency** - Every 3 Months

**Testing Method** - Running on Load

**Responsibility** - Maintenance

**Due Date** - 10.09.17

**Actual Check Date** - 10.09.17

**Result** - Found ok (write actual status / correction)

# Case Study – Contingency Plan

Refer '[Resources](#)' section to download example format

CONTINGENCY PLAN												
Last Updated On - 01.06.17												
SR. NO.	KEY EQUIPMENTS	ALTERNATE EQUIPMENTS	REQUIREMENT	TESTING FREQUENCY	TESTING METHOD	RESP	DUE DATE	ACTUAL CHECK DATE	RESULT	NEXT DUE DATE	ACTUAL CHECK DATE	RESULT
1	COMPRESSOR 20 - HP	COMPRESSOR - 10 HP	Should be operational	Every 3 Months	Running on Load (Operation)	Sachin	10.09.17	10.09.17	Ok	10.12.17		
2	CNC CHUCK	CNC CHUCK IN SPARES - 8"	Should Not be jammed (rust free)	Every 3 Months	PM Check Points - Oiling	Sachin	10.09.17	10.09.17	Ok	10.12.17		



# Activity

**Step 1** - Establish a process for preventive action

**Step 2** – Use PFMEA methodology for identification of product non-conformance

**Step 3** – User 'Risk Analysis & Planning' for potential non-conformity in the QMS process as given in the clause no. 6.1

## Next Lesson ....

### 6.1.2.3 – Contingency Plans