NISSAN
MOTOR CORPORATION

NPQP - Ramp-up Activity Plan

Project: X93J	Safety ☐ Nissan Impt A☐ Impt B☐ Impt C☐ OBD☐ Regulation ☐	Doc. Ref. No./Ver: RUAP_N Doc Rev. Date: Doc. Origin Date: 2020/4/2
Supplier Name: ABC Electronics	Supplier Code: Y000	E-mail: taro_tokyo@abcelectronics.com
Supplier Plant: Tokyo plant	Author: Taro Tokyo	Tel: 03-1234-5678
Part Name: SEN ASSY Part No. : 00000 AA001 Design Note No. : TAF111	Remark:	

No.	Item	Contents

1 Target

Category	Item	Target number	Responsibility (Dpt. Name)
Quality	The number of defects of delivery to Nissan plant or the rate of defects	0 ppm	Jiro Tokyo (Quality assurance section)
	Tokyo plant The rate of defect in the process	500 ppm	Jiro Tokyo (Quality assurance section)
Cost. Delivery	Rejection rate / cost	0.30%	
Activity period	2020/5/10 ～ 2020/8/10		

2 Organization for Ramp-up activity

1. Over all manager

Overall manager

Name	Position
Ichiro Tokyo	Plant manager

2. Quality and manufacturing information Person in charge of management

	Mfg. process	Inspection process	Special inspection process
Main	Hanako Tokyo	Ryoko Tokyo	Akemi Tokyo
Deputy	N. Body	S. Else	Z. Plant

3. Meeting of F/B

Schedule	Daily, 8:00 AM–10:00 AM.
Organizer	Jiro Tokyo

3 Control items in Ramp up activity

Control item	Frequency : Normal --> Ramp up period		Note
Electronic component			
Scratch of components	100% visual inspection	Adding 100% visual inspection	
Damage of components			
Parts shortage			
Status of solder			
Failure of function	100% status check	100% status check	
Too much solder	100% visual inspection	Special visual inspection (Adding 100% visual inspection)	
Crimping			
Shortage of crimping	100% visual inspection by worker of crimping process	Special visual inspection (Adding 100% visual inspection)	
Miss the crimp			
Scratch by crimping			
Crimping position			
Cable			
Scratch of cable connector	100% inspection by workers	Special visual inspection (Adding 100% visual inspection)	
Scratch of cable			
Parts shortage of clip			
Length of cable	100% inspection by workers	Inspection of actual measure at every lot (3/lot)	Measure in the measurement room
Sensor mat			
Shortage of adhesive tape	100% visual inspection by workers of crimping process	Special visual inspection (Adding 100% visual inspection)	
Mixing contamination to sensor mat			
Deformation of sensor mat			
Over molding			
Bubbles	100% visual inspection by workers of molding process	Special visual inspection (Adding 100% visual inspection)	
Bubbles on crimping area			
Mixing contamination into molding			
Too much molding material			
Label identification			
Defect of label adhesive position	100% visual inspection by workers	Visual inspection before shipping (Adding 100% visual inspection)	
Defect of label printing			
Scratch of plastic cap			
Defect of plastic cap position			

4 Exit criteria for ramp-up activity

To achieve targets for all items listed in No.3.
The decision-maker shall be responsible for ramp-up management activity.

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